

HISTORY INFORMATION FOR THE FOLLOWING MANUAL:

SERVICE MANUAL

EX2M CHASSIS

<u>MODEL NAME</u>	<u>REMOTE COMMANDER</u>	<u>DESTINATION</u>
KDL-40XBR9	RM-YD029	US/CND
KDL-40XBR9	RM-YD029	MX/LATIN AMERICA
KDL-46XBR9	RM-YD029	US/CND
KDL-46XBR9	RM-YD029	MX/LATIN AMERICA
KDL-52XBR9	RM-YD029	US/CND
KDL-52XBR9	RM-YD029	MX/LATIN AMERICA

ORIGINAL MANUAL ISSUE DATE: 4/2009

 : UPDATED ITEM

REVISION DATE	SUBJECT
4/2009	No revisions or updates are applicable at this time.
5/2009	Added section 2-4. Setting the Destination After Replacing the BU Board. Replaced page 43. Corrected BU Board Part Numbers for Mexico and Latin America models. Replaced page 82 & 87.
9/2009	Updated Exploded View Section to remove LCD Panel specific information. Replaced page 85.

LCD DIGITAL COLOR TELEVISION

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KDL-52XBR9	RM-YD029	US/CND
KDL-52XBR9	RM-YD029	MX/LATIN AMERICA



KDL-40XBR9



RM-YD029

LCD DIGITAL COLOR TELEVISION

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SPECIFICATIONS

Power Requirements 120V-240 V AC, 50/60Hz

Power Consumption (W)

In Use (Max) 205W (KDL-40XBR9 Only)
240W (KDL-46XBR9 Only)
300W (KDL-52XBR9 Only)

In Standby Less than 0.1W with 120 V AC
Less than 0.3W with 240 V AC

In DAM* Less than 20W

VIDEO (IN) 1/2:

S Video (4-Pin Mini DIN (VIDEO 2 Only))

Y: 1.0 Vp-p, 75 ohms unbalanced, sync negative

C: 0.286 Vp-p (Burst signal), 75 ohms

Video

1.0 Vp-p, 75 ohms unbalanced, sync negative

Audio

500 mVrms (Typical)

Impedance: 47 kilohms

COMPONENT IN 1/2:

Y_BP_R (Component Video)

Y: 1.0 Vp-p, 75 ohms unbalanced, sync negative

P_B: 0.7 Vp-p, 75 ohms

P_R: 0.7 Vp-p, 75 ohms

Signal format: 480i, 480p, 720p, 1080i, 1080p

AUDIO

500 mVrms (Typical)

Impedance: 47 kilohms

HDMI IN 1/2/3/4:

HDMI: Video: 480i, 480p, 720p, 1080i, 1080p, 1080/24p
Audio: Two channel linear PCM 32, 44.1 and 48 kHz,
16, 20 and 24 bits, Dolby Digital

AUDIO (for HDMI IN 1 Only):

500 mVrms (Typical)

Impedance: 47 kilohms

AUDIO OUT:

500 mVrms (Typical)

DIGITAL AUDIO OUT (OPTICAL):

PCM/Dolby Digital optical signal

PC IN:

D-sub 15-pin, analog RGB, 0.7 Vp-p, 75 ohms, positive

PC AUDIO INPUT:

Stereo mini jack, 500 mVrms (Typical)

Impedance: 47 kilohms

USB:

MPEG2, MP3, and JPEG

DLNA:

MPEG2, LPCM, MP3, and JPEG

* Download Acquisition Mode (DAM) is used for software updates and/or collecting data for TV Guide On Screen.

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Ferguson Patent Properties, LLC:

U.S. Patent No. 5,717,422

U.S. Patent No. 6,816,141

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Your BRAVIA TV is ENERGY STAR® qualified in the "Home" mode. It meets strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and Department of Energy. ENERGY STAR is a joint program of these government agencies, designed to promote energy efficient products and practices.



Changes to certain features, settings, and functionalities of this TV (i.e. TV Guide, Picture/Sound, Light Sensor, Power Savings) can increase or change the power consumption.

Depending upon such changed settings, the power consumption may exceed the limits required for the ENERGY STAR qualification in the "Home" mode.

Design and specifications are subject to change without notice.

	KDL-40XBR9	KDL-46XBR9	KDL-52XBR9
Speaker Output	10W x 10W		
Speaker/Front (2)	45 x 120 1 ^{3/4} x 4 ^{3/4}		
Tweeter (2)	16 5/8		
Dimensions (W x H x D) with stand	961 x 649 x 303 mm 37 ^{7/8} x 25 ^{5/8} x 12 in	1,094 x 725 x 330 mm 43 ^{1/8} x 28 ^{5/8} x 13 in	1,243 x 821 x 358 mm 49 x 32 ^{3/8} x 14 ^{1/8} in
without stand	961 x 580 x 85 mm 37 ^{7/8} x 22 ^{7/8} x 3 ^{3/8} in	1,094 x 657 x 85 mm 43 ^{1/8} x 25 ^{7/8} x 3 ^{3/8} in	1,243 x 745 x 85 mm 49 x 29 ^{3/8} x 3 ^{3/8} in
wall-mount hole pattern (mm)	300 x 300 mm		
wall-mount screw size (mm)	M6 X 8 -12		
Mass with stand	19.9 kg 43.9 lbs	23.9 kg 52.7 lbs	29.9 kg 65.9 lbs
without stand	17.2 kg 37.9 lbs	20.6 kg 45.4 lbs	25.9 kg 57.1 lbs

All measurements are approximations.

Television system

NTSC American TV Standard
 ATSC (8VSB terrestrial) ATSC compliant 8VSB
 QAM on cable ANSI/SCTE 07 2000

Channel coverage

Analog
 2-69 Terrestrial
 1-135 Cable
 Digital
 2-69 Terrestrial
 1-135 Cable

Antenna

75-ohm external terminal for RF inputs

Panel System

LCD (Liquid Crystal Display) Panel

Display Resolution (horizontal x vertical)

1,920 dots x 1,080 lines

Screen Size (measured diagonally)

~ 40 inches (KDL-40XBR9 Only)
 ~ 46 inches (KDL-46XBR9 Only)
 ~ 52 inches (KDL-52XBR9 Only)

Supplied Accessories

Remote Commander RM-YD029
 Two Size AA (R6) Batteries
 AC Power Cord
 Cable Holder (1 attached to the Table Top Stand)
 Operating Instructions
 Quick Setup Guide
 Warranty Card
 Safety and Regulatory Booklet
 Attaching the Table-Top Stand (KDL-40XBR9/46XBR9 Only)
 Screws (4) (KDL-40XBR9/46XBR9 Only)

Optional Accessories

Connecting Cables
 Support Belt Kit
 Wall-Mount Bracket
 SU-WL500
 Sony Speaker Bar Model
 HT-CT500 (KDL-40XBR9/46XBR9 Only)

WARNINGS AND CAUTIONS - ENGLISH

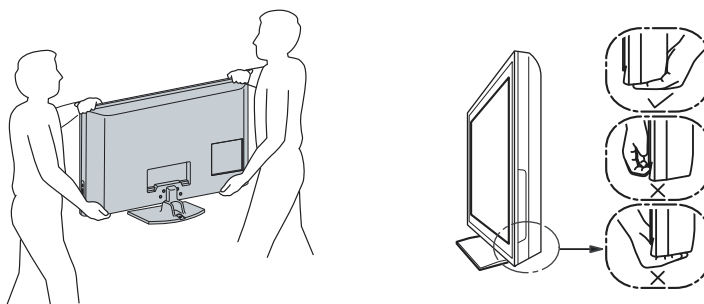
CAUTION

These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

CARRYING THE TV

Be sure to consider the following while carrying your TV:

- Disconnect all cables when carrying the TV.
- Carry the TV with the adequate number of people; larger size TVs require two or more people.
- Correct hand placement while carrying the TV is very important for safety and to avoid damages.



SETTING UP THE TV

Be sure to consider the following while setting up your TV:

- Ensure your TV has adequate ventilation.
- For best picture quality, do not expose the screen to direct illumination or sunlight.
- Avoid installing the TV in a room with reflective wall and floor materials.
- Avoid moving the TV from a cold area to a warm area. Sudden room temperature changes may cause moisture condensation. This may cause the TV to show poor picture and/or poor color. Should this occur, allow moisture to evaporate completely before powering the TV on.

WARNING!!

An isolation transformer should be used during any service to avoid possible shock hazard, because of live chassis. The chassis of this receiver is directly connected to the ac power line.



SAFETY-RELATED COMPONENT WARNING!!

Components identified by shading and ⚠ mark on the schematic diagrams, exploded views, and in the parts list are critical for safe operation. Replace these components with Sony parts whose part numbers appear as shown in this manual or in supplements published by Sony. Circuit adjustments that are critical for safe operation are identified in this manual. Follow these procedures whenever critical components are replaced or improper operation is suspected.

WARNINGS AND CAUTIONS - FRENCH

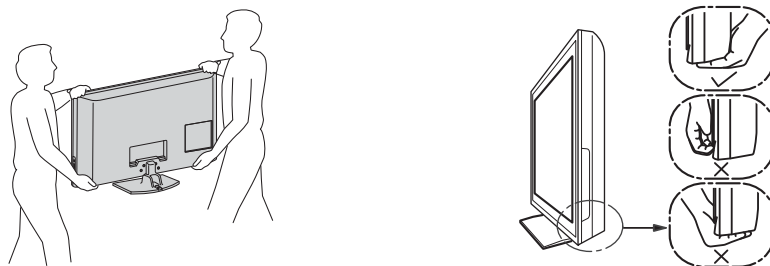
ATTENTION!!

Ces instructions de service sont à l'usage du personnel de service qualifié seulement. Pour prévenir le risque de choc électrique, ne pas faire l'entretien autre que celui contenu dans le Mode d'emploi à moins que vous soyez qualifié faire ainsi.

POUR TRANSPORTER LE TÉLÉVISEUR

Tenez compte de ce qui suit pendant avant de transporter le téléviseur:

- Débranchez tous les câbles avant de transporter le téléviseur.
- Transportez le téléviseur avec le nombre de personnes approprié; un téléviseur de grande taille doit être transporté par au moins deux personnes.
- Lors du transport du téléviseur, le bon emplacement des mains est très important pour votre sécurité, ainsi que pour éviter de causer des dommages.



INSTALLATION DU TÉLÉVISEUR

Tenez compte de ce qui suit pendant l'installation du téléviseur :

- Assurez-vous que le téléviseur est entouré d'une ventilation adéquate (reportez-vous à la page 15).
- Pour obtenir une qualité d'image optimale, n'exposez pas l'écran à la lumière directe d'une lampe ou du soleil.
- Évitez d'installer le téléviseur dans une pièce dont le sol et les murs sont d'un matériau réfléchissant.
- Évitez de déplacer le téléviseur d'un endroit froid à un endroit chaud. Un changement soudain de température peut provoquer de la condensation. Ce phénomène peut affecter la qualité de l'image et/ou des couleurs affichées par le téléviseur. Si cela se produit, laissez la condensation s'évaporer complètement avant de mettre le téléviseur sous tension.

Afin d'éviter tout risque d'électrocution provenant d'un châssis sous tension, un transformateur d'isolement doit être utilisé lors de tout dépannage. Le châssis de ce récepteur est directement raccordé à l'alimentation du secteur.



ATTENTION AUX COMPOSANTS RELATIFS A LA SECURITE!!

Les composants identifiés par une trame et par une marque  sur les schémas de principe, les vues explosées et les listes de pièces sont d'une importance critique pour la sécurité du fonctionnement. Ne les remplacer que par des composants Sony dont le numéro de pièce est indiqué dans le présent manuel ou dans des suppléments publiés par Sony. Les réglages de circuit dont l'importance est critique pour la sécurité du fonctionnement sont identifiés dans le présent manuel. Suivre ces procédures lors de chaque remplacement de composants critiques, ou lorsqu'un mauvais fonctionnement suspecte.

SAFETY-RELATED COMPONENT WARNING

There are critical components used in LCD color TVs that are important for safety. These components are identified with shading and $\triangle$ mark on the schematic diagrams and the electrical parts list. It is essential that these critical parts be replaced only with the part number specified in the electrical parts list to prevent electric shock, fire, or other hazard.

NOTE: Do not modify the original design without obtaining written permission from the manufacturer or you will void the original parts and labor guarantee.

USE CAUTION WHEN HANDLING THE LCD PANEL

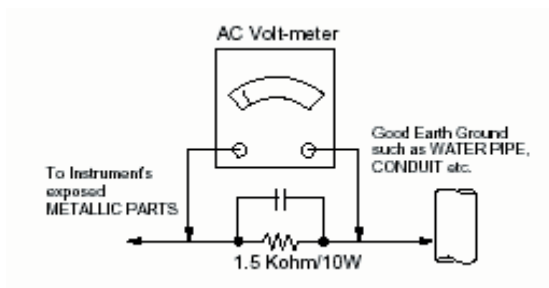
When repairing the LCD panel, be sure you are grounded by using a wrist band.

When installing the LCD panel on a wall, the LCD panel must be secured using the 4 mounting holes on the rear cover.

To avoid damaging the LCD panel:

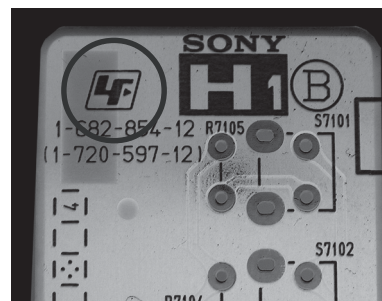
- do not press on the panel or frame edge to avoid the risk of electric shock.
- do not scratch or press on the panel with any sharp objects.
- do not leave the module in high temperatures or in areas of high humidity for an extended period of time.
- do not expose the LCD panel to direct sunlight.
- avoid contact with water. It may cause a short circuit within the module.
- disconnect the AC adapter when replacing the backlight (CCFL) or inverter circuit.
(High voltage occurs at the inverter circuit at 650Vrms.)
- always clean the LCD panel with a soft cloth material.
- use care when handling the wires or connectors of the inverter circuit. Damaging the wires may cause a short.
- protect the panel from ESD to avoid damaging the electronic circuit (C-MOS).

LEAKAGE CURRENT HOT CHECK CIRCUIT



example 1

The circuit boards used in these models have been processed using Lead Free Solder. The boards are identified by the LF logo located close to the board designation e.g. H1 etc [see example]. The servicing of these boards requires special precautions to be taken as outlined below.



It is strongly recommended to use Lead Free Solder material in order to guarantee optimal quality of new solder joints. Lead Free Solder is available under the following part numbers :

Part number	Diameter	Remarks
7-640-005-19	0.3mm	0.25Kg
7-640-005-20	0.4mm	0.50Kg
7-640-005-21	0.5mm	0.50Kg
7-640-005-22	0.6mm	0.25Kg
7-640-005-23	0.8mm	1.00Kg
7-640-005-24	1.0mm	1.00Kg
7-640-005-25	1.2mm	1.00Kg
7-640-005-26	1.6mm	1.00Kg

Due to the higher melting point of Lead Free Solder the soldering iron tip temperature needs to be set to 370 degrees centigrade. This requires soldering equipment capable of accurate temperature control coupled with a good heat recovery characteristics.

For more information on the use of Lead Free Solder, please refer to <http://www.sony-training.com>

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

1. Check the area of your repair for unsoldered or poorly soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the interboard wiring to ensure that no wires are "pinched" or touching high-wattage resistors.
3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
5. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
6. Check the line cords for cracks and abrasion. Recommend the replacement of any such line cord to the customer.
7. Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instructions.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low voltage scale. The Simpson's 250 and Sanwa SH-63TRD are examples of passive VOMs that are suitable. Nearly all battery-operated digital multimeters that have a 2 VAC range are suitable (see Figure A).

How to Find a Good Earth Ground

A cold-water pipe is a guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms.

If a cold-water pipe is not accessible, connect a 60- to 100-watt trouble- light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side on the line; the lamp should light at normal brilliance if the screw is at ground potential (see Figure B).

Leakage Test

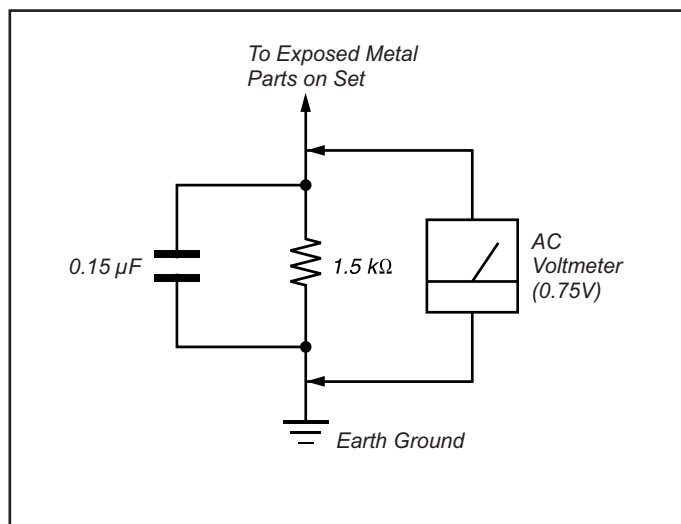


Figure A. Using an AC voltmeter to check AC leakage.

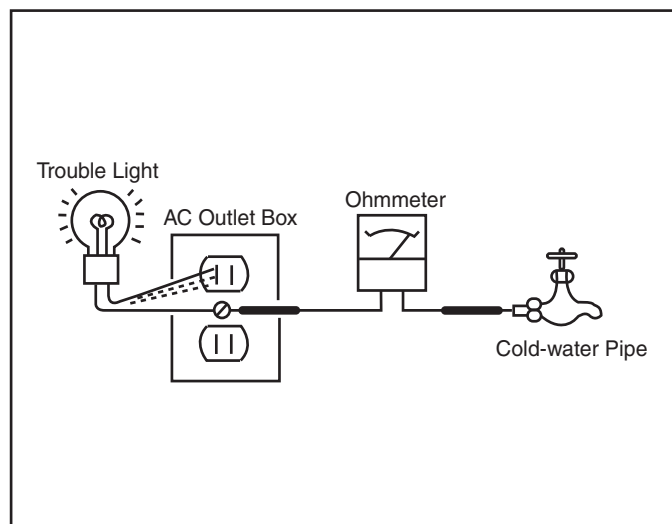


Figure B. Checking for earth ground.

SELF-DIAGNOSTIC FUNCTION

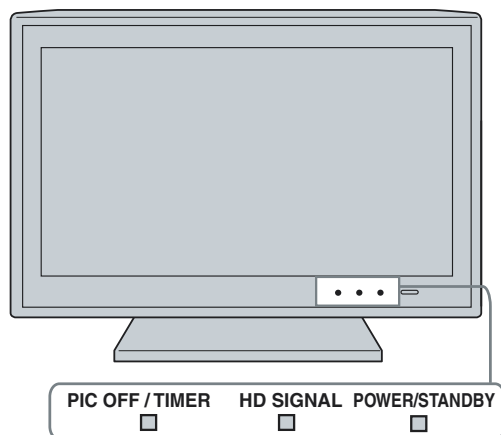


The units in this manual contain a self-diagnostic function. If an error occurs, the POWER/STANDBY LED indicator will automatically begin to flash. The number of times the LED flashes translates to a probable source of the problem. A definition of the POWER/STANDBY LED flash indicators is listed in the instruction manual for the user's knowledge and reference. If an error symptom cannot be reproduced, the Remote Commander can be used to review the failure occurrence data stored in memory to reveal past problems and how often these problems occur.

1. Diagnostic Test Indicators

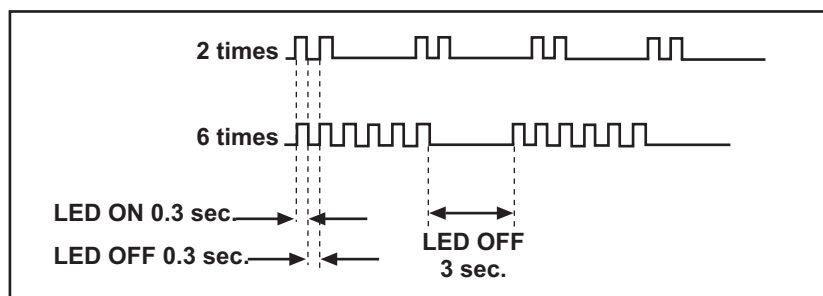
When an error occurs, the POWER/STANDBY LED indicator will flash a set number of times to indicate the possible cause of the problem. If there is more than one error, the indicator will identify the first of the problem areas.

LED Indicators



Description of LED Indicators

LED	LED COLOR	DESCRIPTION
PIC OFF/TIMER	Orange or Green	Lights up in orange when the Timer or Sleep Timer is set. Lights up and/or blinks in orange during a software upgrade. Lights up in green when the Power Saving is set to Picture Off.
HD SIGNAL	Orange	Lights up when the TV receives HD signal including up converted signals.
POWER/STANDBY	Green or Red	Lights up in red when your TV is in PC power saving mode or during the software upgrade. Lights up in green when the TV is turned on. If the LED <u>blinks in red continuously</u> , this may indicate that the TV needs servicing.



POWER/STANDBY LED Diagnostic Description

Diagnostic Item Description	Number of times POWER/STANDBY LED lamp flashes	Possible Location
Main Power	2 times	G6N Board (40") G7N Board (46" & 52") Board
DC Alert1	3 times	BU Board G6N Board (40") G7N Board (46" & 52") Board
DC Alert3	5 times	Not used in these models
Backlight	6 times	BU Board G6N Board (40") G7N Board (46" & 52") Board Inverter Boards -D1N Board & D2N Board (40" & 46"), D4N Board & D5 Board (52")
Temp Err	7 times	BU Board
Audio Prot	8 times	BU Board
Fan Err	9 times	Not used in these models
DTT WDT	10 times	Watch Dog Timer used to track micro processors, not to record errors.
Trident IC	11 times	BU Board
HFR Err	12 times	LCD Panel
Balancer	13 times	LCD Panel Inverter Boards -D1N Board & D2N Board (40" & 46"), D4N Board & D5 Board (52")
TCN Err	14 times	LCD Panel

Viewing the Self Check Diagnostic List

- TV must be in standby mode. (Power off).
- Press the following buttons on the Remote Commander within a second of each other:

DISPLAY → Channel 5 → Volume 4 → TV POWER.

The Self Check list displays.

↑ This differs from accessing Service Adjustments.

Results for all of the following diagnostic items are displayed on screen. No error has occurred if the screen displays a "0".

SELF CHECK	
DIAGNOSTICS	Page 1
002 MAIN POWER	001
003 DC ALERT 1	000
012 HFR ERR	000
006 BACKLIGHT	000
007 TEMP ERR	000
008 AUDIO PROT	000
009 FAN ERR	000
010 DTT WDT	000
005 DC ALERT3	000
013 BALANCER	000
000 POWER ON TIME	00008
001 BOOT COUNT	00031
002 PANEL ON TIME	00008

1 and red text indicates an error was detected

0 and green text indicates no error was detected

- To display page 2, press 4.

SELF CHECK	
DIAGNOSTICS	Page 2
014 TCN ERR	000
000 POWER ON TIME	00008
001 BOOT COUNT	00031
002 PANEL ON TIME	00008

- To display page 1, press 1.

- To exit Self Check display, turn the power off.

Clearing the Self Check Diagnostic List

- In Service Mode, press the Channel 8 → Channel 0.

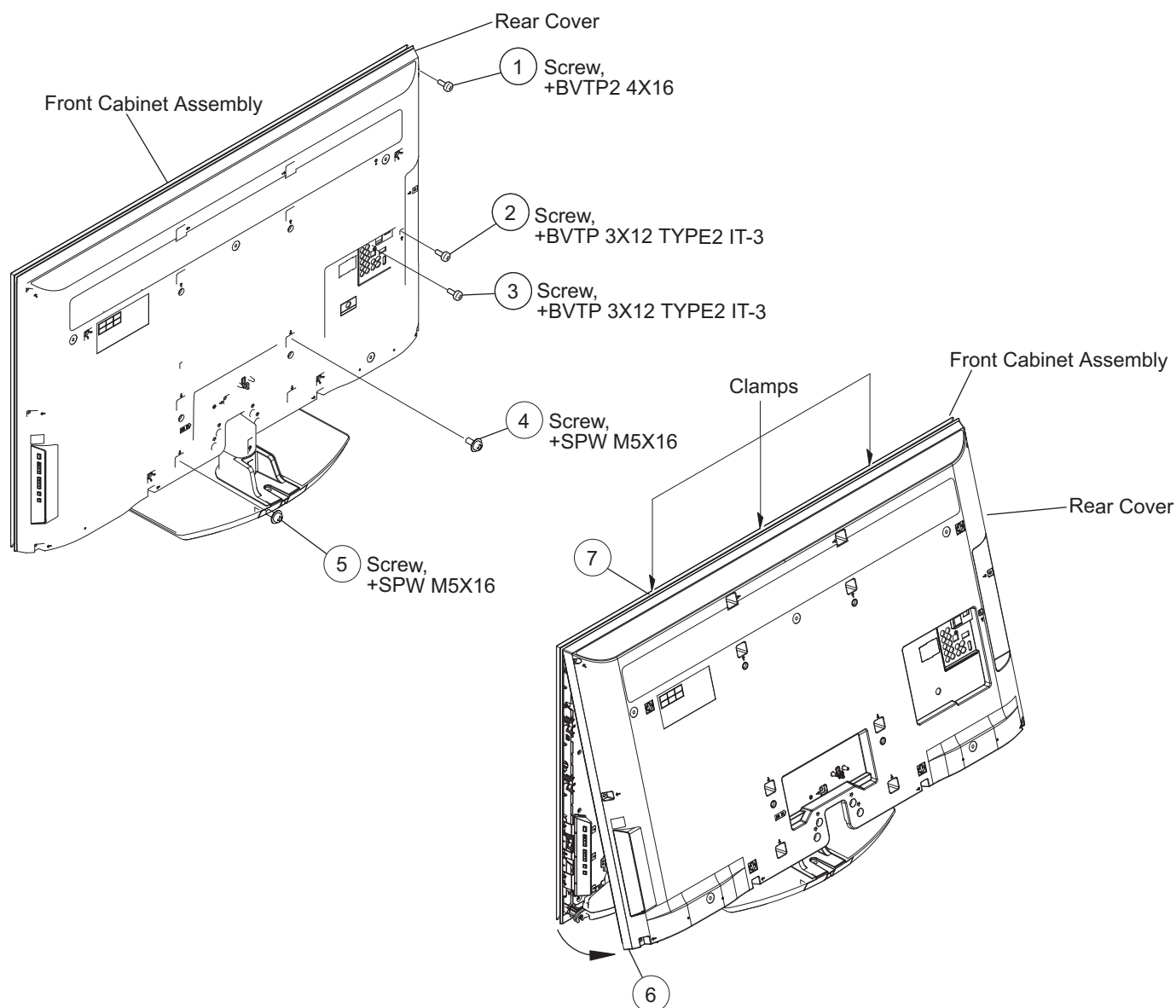
SECTION 1: DISASSEMBLY

1-1. REAR COVER REMOVAL

1-1-1. KDL-40/46XBR9 REAR COVER REMOVAL

- ① Remove 8 screws from Rear Cover
- ② Remove 1 screw from Side Jack position
- ③ Remove 1 screw from Terminal position
- ④ Remove 4 screws near the VESA positions
- ⑤ Remove 3 screws from Bottom Frame positions
- ⑥ Carefully lift the Rear Cover bottom side up and rotate toward top side
- ⑦ Release from clamps and remove Rear Cover from Front Cabinet Assembly

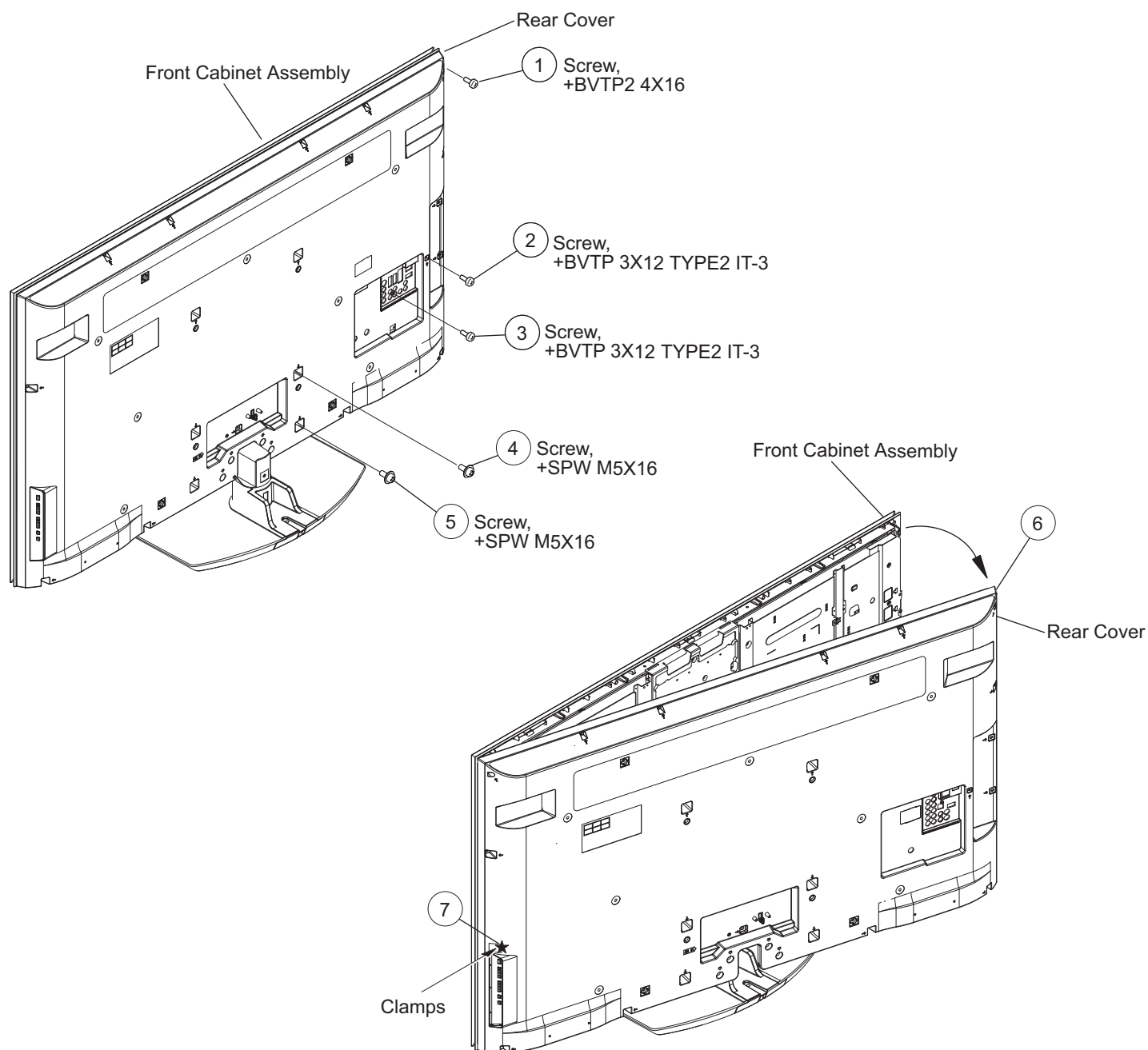
NOTE: The Rear Cover is attached to Front Cabinet Assembly with small clamps.
Use caution when removing the Rear Cover not to damage these clamps.
To re-install the Rear Cover, press to lock the clamps into positions.



1-1-2. KDL-52XBR9 REAR COVER REMOVAL

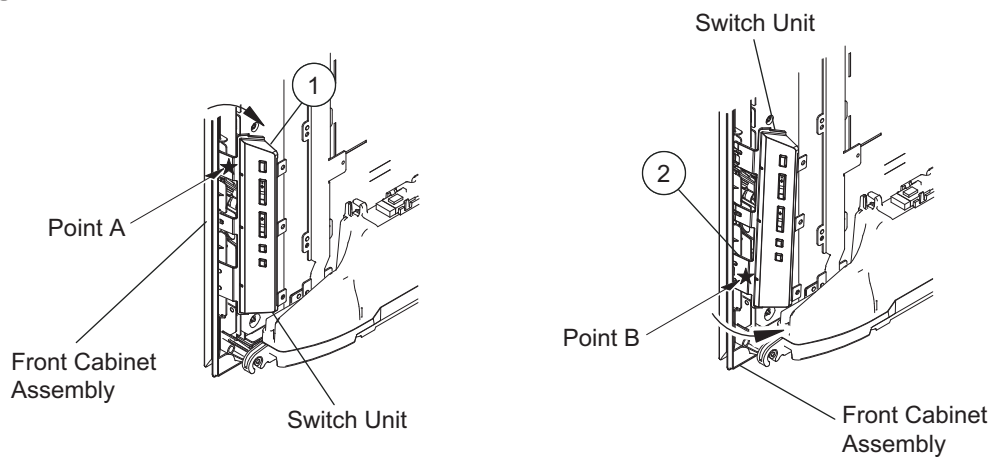
- ① Remove 14 screws from Rear Cover
- ② Remove 1 screw from Side Jack position
- ③ Remove 1 screw from Terminal position
- ④ Remove 4 screws near the VESA positions
- ⑤ Remove 4 screws from Bottom Frame positions
- ⑥ Carefully lift the Rear Cover bottom side up and rotate toward top side
- ⑦ Release from clamp and remove Rear Cover from Front Cabinet Assembly

NOTE: The Rear Cover is attached to Front Cabinet Assembly with a small clamp.
Use caution when removing the Rear Cover not to damage this clamp.
To re-install the Rear Cover, press to lock the clamp into positions.



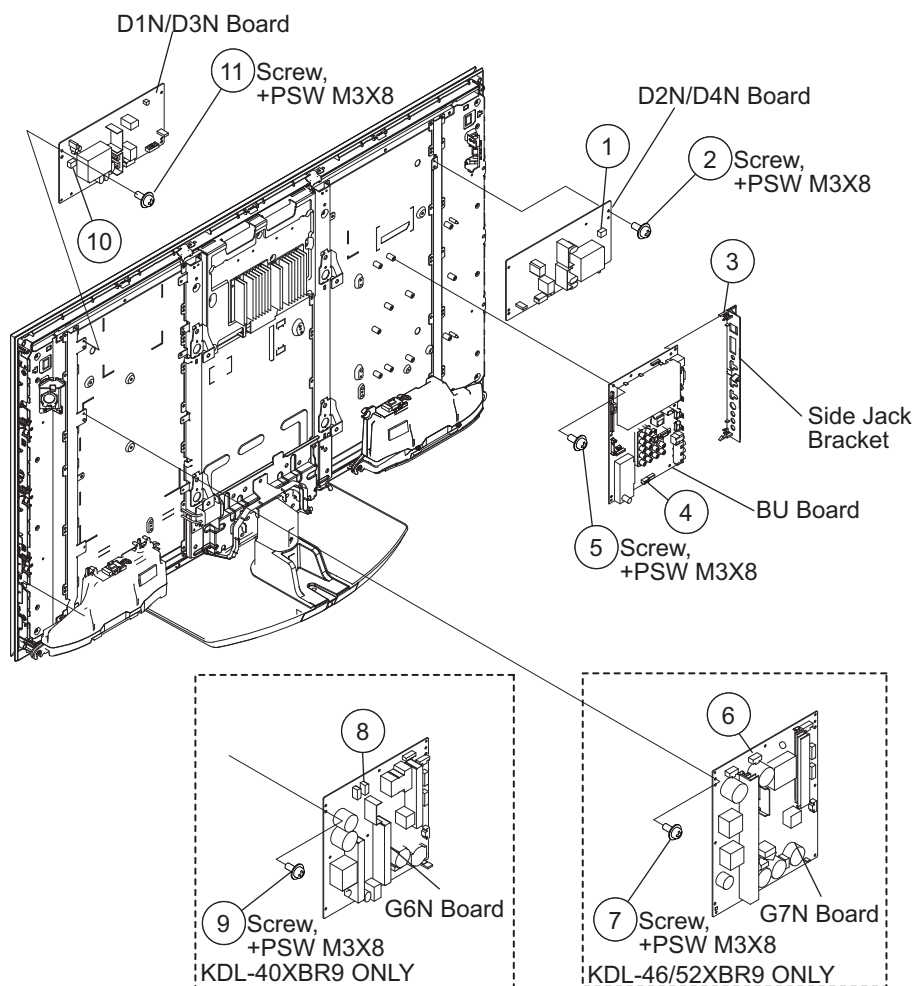
1-2. SWITCH UNIT REMOVAL

- ① Push Point A as shown and rotate Switch Unit clockwise to release the hook from Front Cabinet Assembly.
- ② Push Point B as shown and rotate Switch Unit counterclockwise to release the hook from Front Cabinet Assembly.
- ③ Disconnect 1 connector from Switch Unit



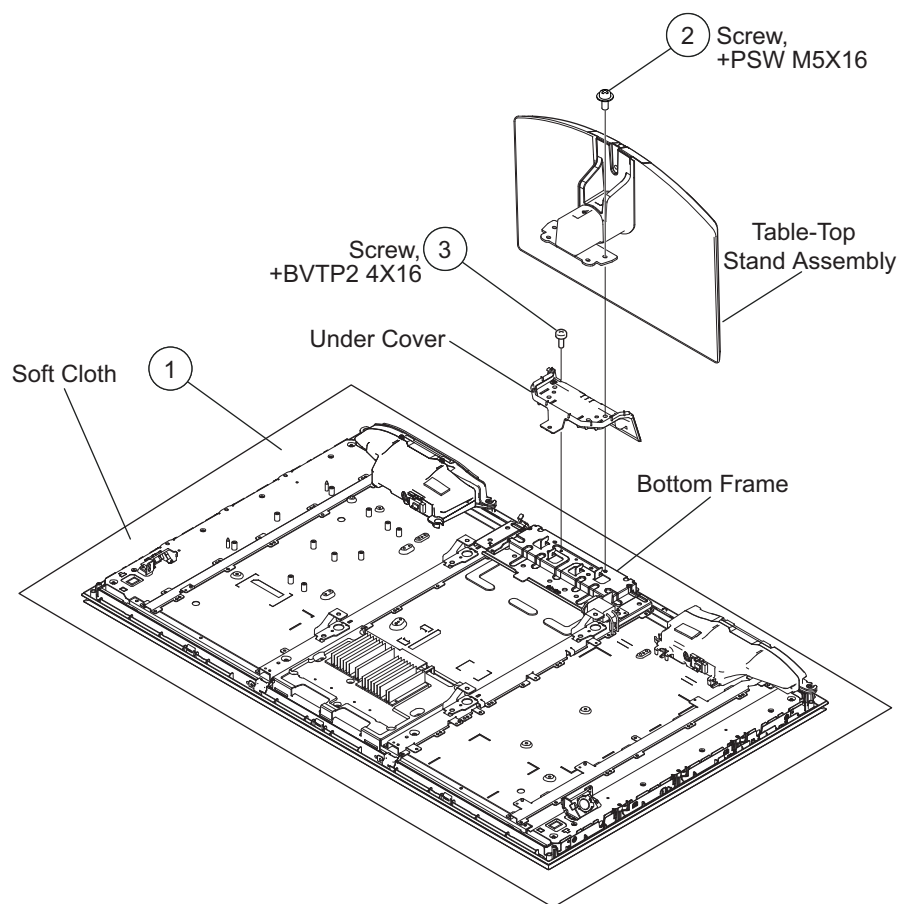
1-3. BU BOARD, INVERTER BOARD (D1N BOARD, D2N BOARD, D3N BOARD, OR D4N BOARD), AND POWER BOARD (G6N BOARD OR G7N BOARD) REMOVAL

- ① Disconnect 5 connectors from D2N/D4N Board
- ② Remove 2 screws from D2N/D4N Board
- ③ Unhook Side Jack from Main BU board position
- ④ Disconnect 5 connectors from BU Board
- ⑤ Remove 8 screws from BU Board
- ⑥ Disconnect 7 connectors from G7N Board
(KDL-46/52XBR9 ONLY)
- ⑦ Remove 2 screws from G7N Board
(KDL-46/52XBR9 ONLY)
- ⑧ Disconnect 7 connectors from G6N Board
(KDL-40XBR9 ONLY)
- ⑨ Remove 4 screws from G6N Board
(KDL-40XBR9 ONLY)
- ⑩ Disconnect 4 connectors from D1N Board
(KDL-40/46XBR9 ONLY)
Disconnect 5 connectors from D3N Board
(KDL-52XBR9 ONLY)
- ⑪ Remove 2 screws from D1N/D3N Board



1-4. TABLE-TOP STAND ASSEMBLY AND UNDER COVER REMOVAL

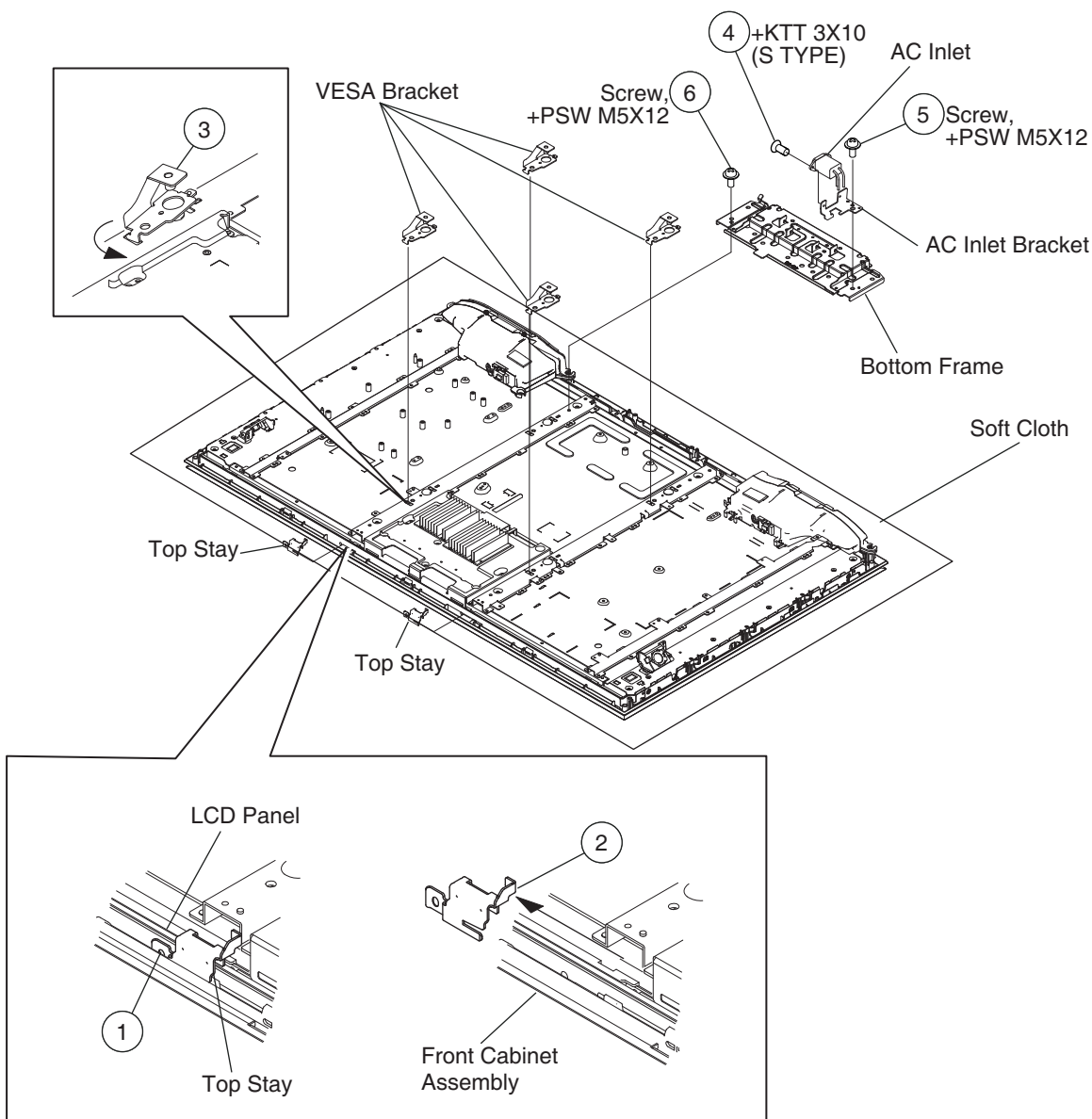
- ① Gently lay LCD panel on a soft cloth.
- ② Remove 4 screws from Table-Top Stand Assembly
- ③ Remove 2 screws from Under Cover from Bottom Frame



1-5. STRUCTURAL PARTS AND AC INLET REMOVAL

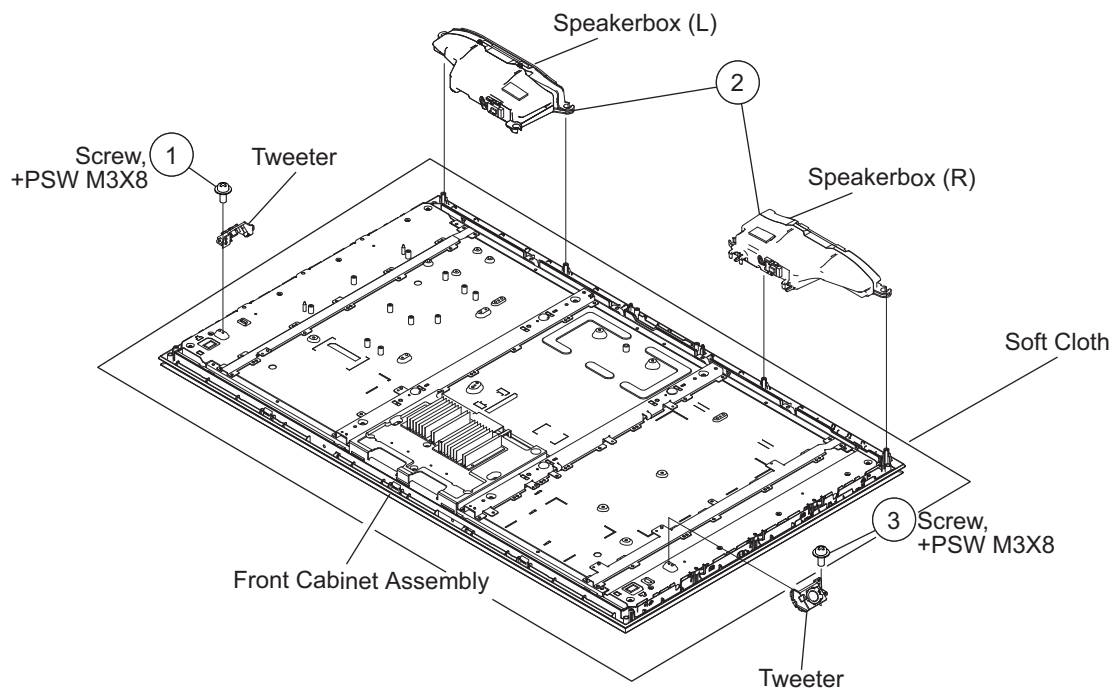
- ① Release embossed indentation from LCD Panel hole (KDL-40/46XBR9 ONLY)
- ② Push and slide Top Stay out from Front Cabinet Assembly (KDL-40/46XBR9 ONLY)
- ③ Rotate VESA Brackets to counter clockwise and remove from Front Cabinet Assembly
- ④ Remove 1 screw from AC Inlet
- ⑤ Remove 1 screw from AC Inlet Bracket
- ⑥ Remove 1 screw from Bottom Bracket (KDL-40/46XBR9 ONLY)

Remove 3 screws from Bottom Bracket (KDL-52XBR9 ONLY)



1-6. LOUDSPEAKERS AND TWEETERS REMOVAL

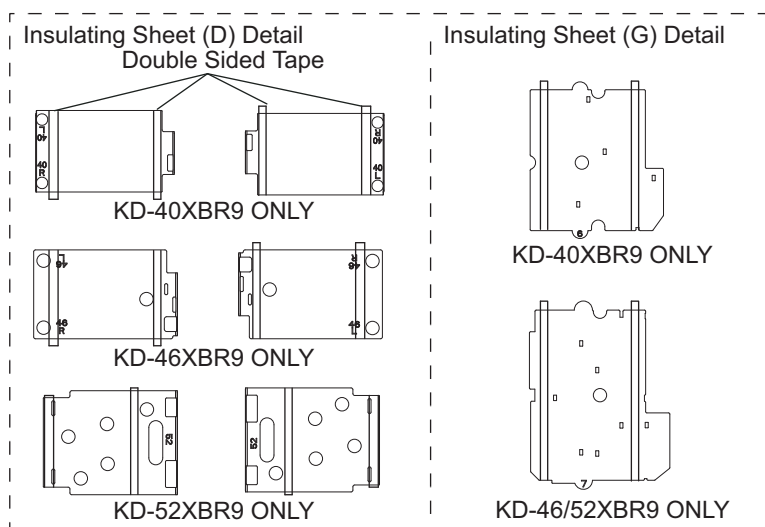
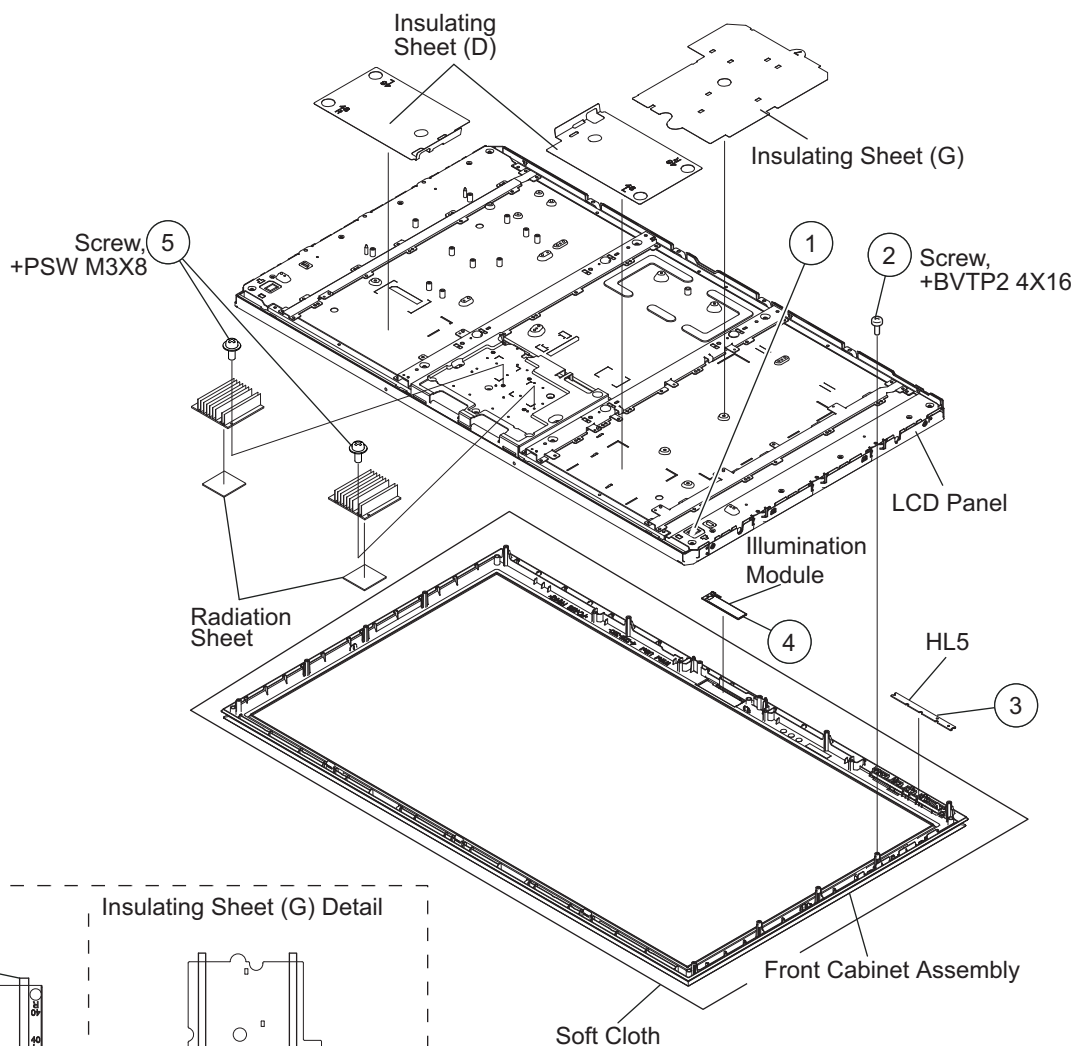
- ① Remove 1 screw from Tweeter
- ② Slide out both Speaker Boxes from Front Cabinet Assembly
- ③ Remove 1 screw from Tweeter



1-7. LCD PANEL, ILLUMINATION MODULE, HL5 BOARD, AND HEAT SINK REMOVAL

- ① Remove Flexible Flat (LVDS) cable and connector assemblies from the LCD panel
- ② Remove 3 screws and release LCD panel from Front Cabinet Assembly (KDL-40XBR9 ONLY)
Remove 5 screws and release LCD panel from Front Cabinet Assembly (KDL-46XBR9 ONLY)
Remove 6 screws and release LCD panel from Front Cabinet Assembly (KDL-52XBR9 ONLY)
- ③ Disconnect 1 connector from HL5 Board and release from LED Guide on Front Cabinet Assembly
- ④ Disconnect 1 connector from Illumination Module and remove from Front Cabinet Assembly
- ⑤ Remove 4 screws and detach 2 Heat Sinks from LCD Panel

CAUTION: The Heat Sink, Radiation Sheet, and Insulating Sheets are not included with the LCD Panel and must be replaced when replacing the LCD panel. For part number information, refer to the Exploded View Section of this manual.



1-7-1. CLEANING THE LCD PANEL

CAUTION: When cleaning the TV, be sure to unplug the power cord to avoid any chance of electric shock.

Clean the cabinet of the TV with a dry soft cloth.

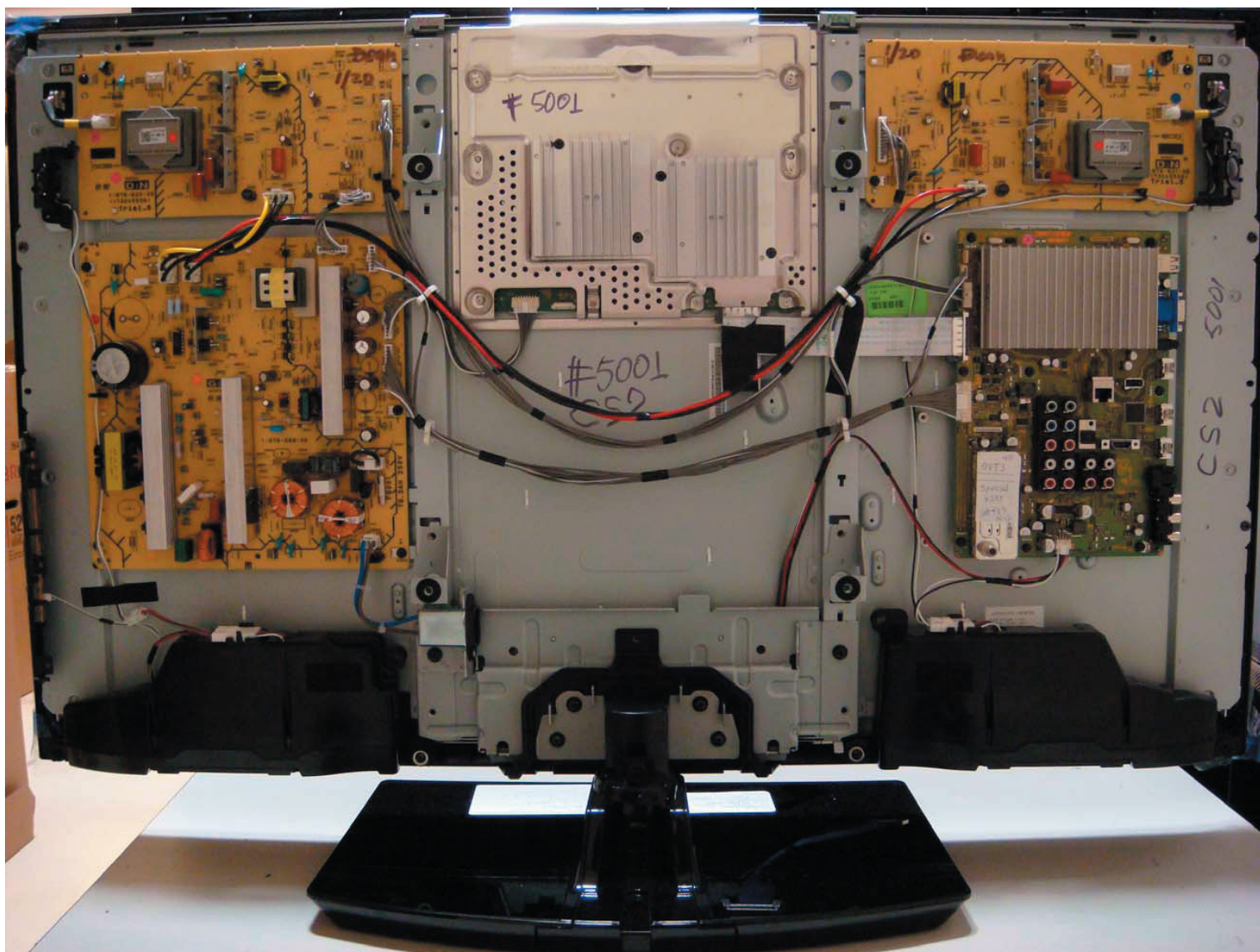
Wipe the LCD screen gently with a soft cloth.

- Stubborn stains may be removed with a cloth slightly moistened with a solution of mild soap and warm water.
- If using a chemically pretreated cloth, please follow the instruction provided on the package.
- Never use strong solvents such as a thinner, alcohol or benzine for cleaning.
- Periodic vacuuming of the ventilation openings is recommended to ensure proper ventilation.

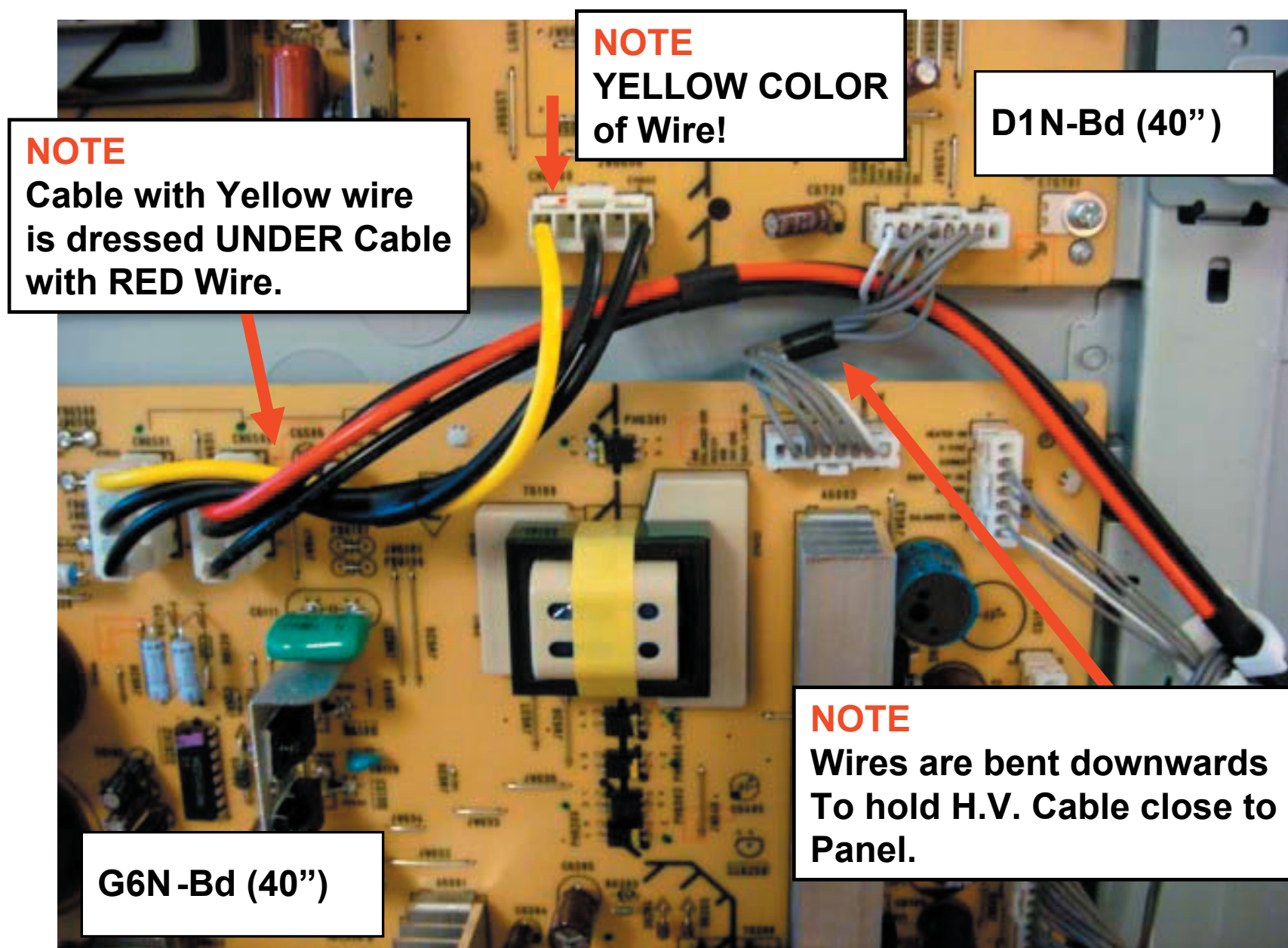
WIRE DRESSING

KDL-40XBR9 ONLY

OVERALL VIEW

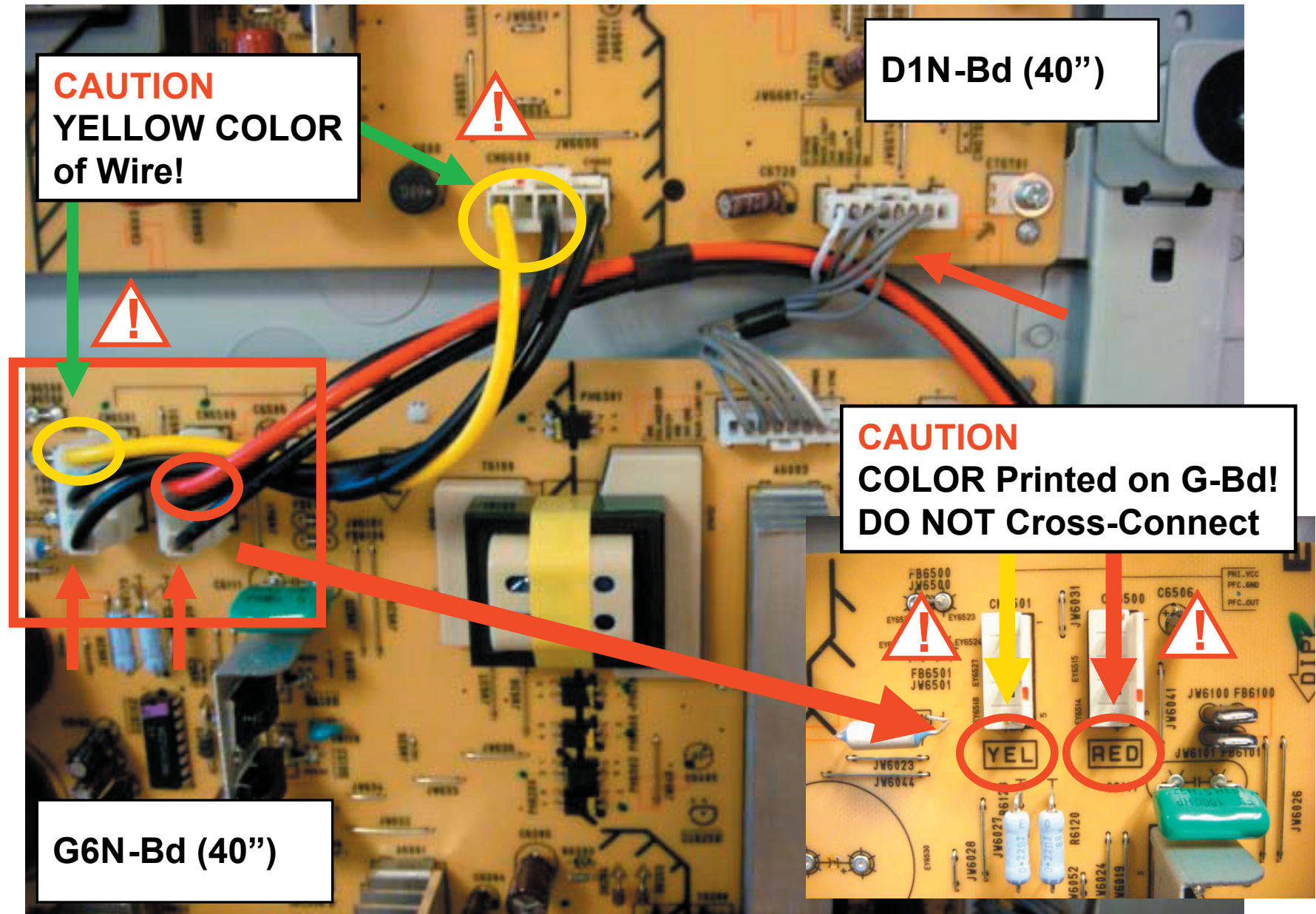


KDL-40XBR9 ONLY
G6N BOARD TO D1N BOARD

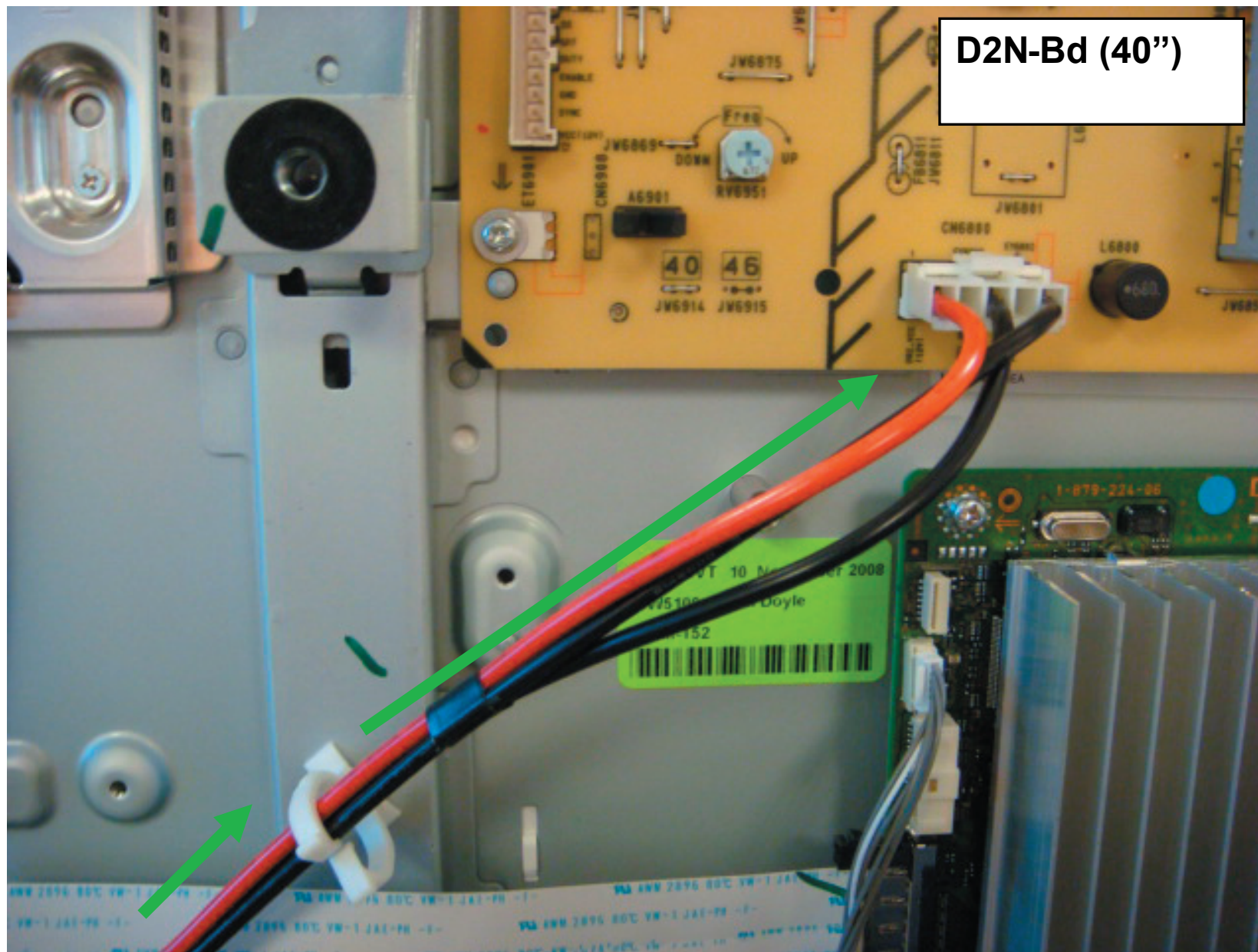


KDL-40XBR9 ONLY

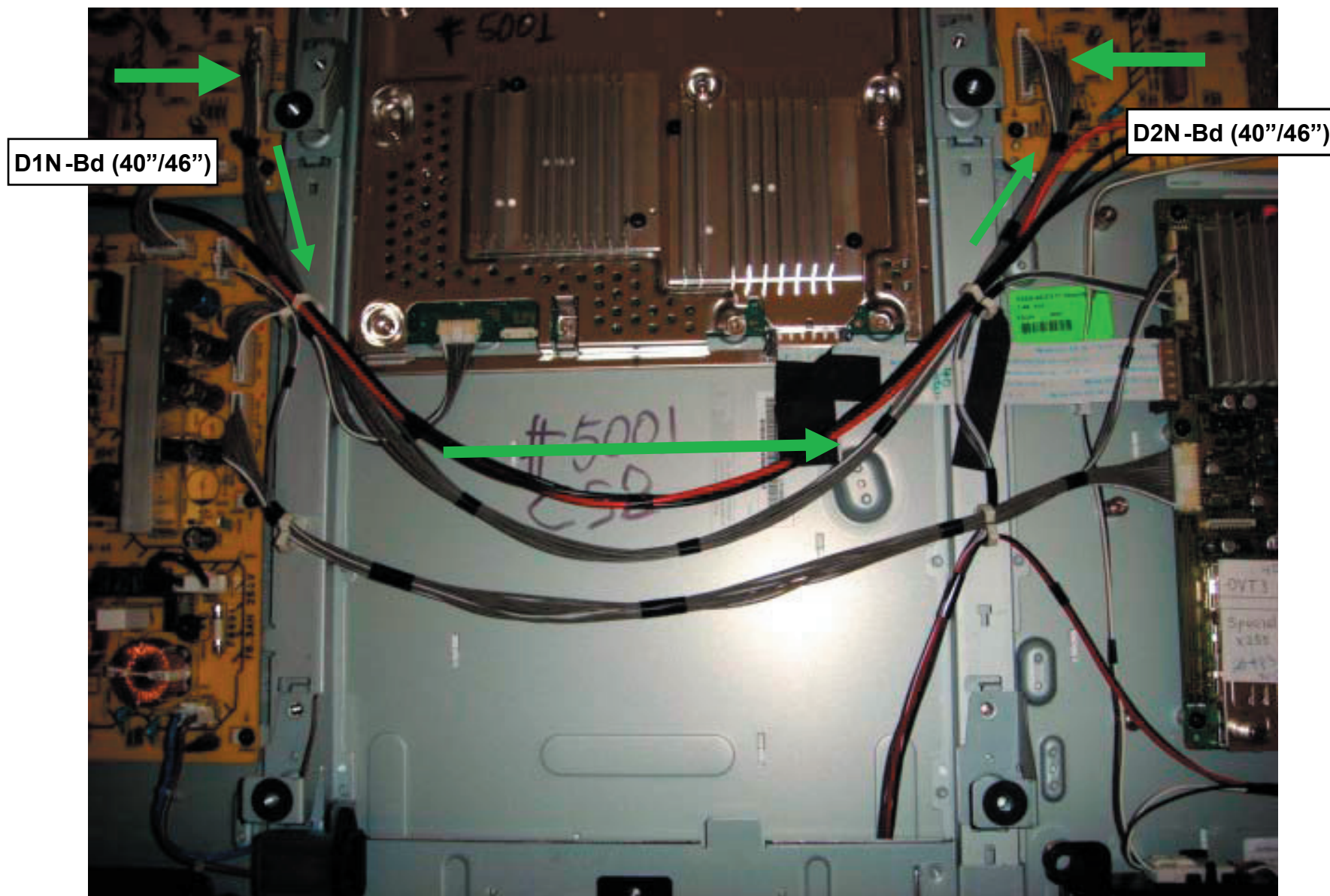
G6N BOARD TO D1N BOARD (CONTINUED)



KDL-40XBR9 ONLY
D2N BOARD CONNECTOR

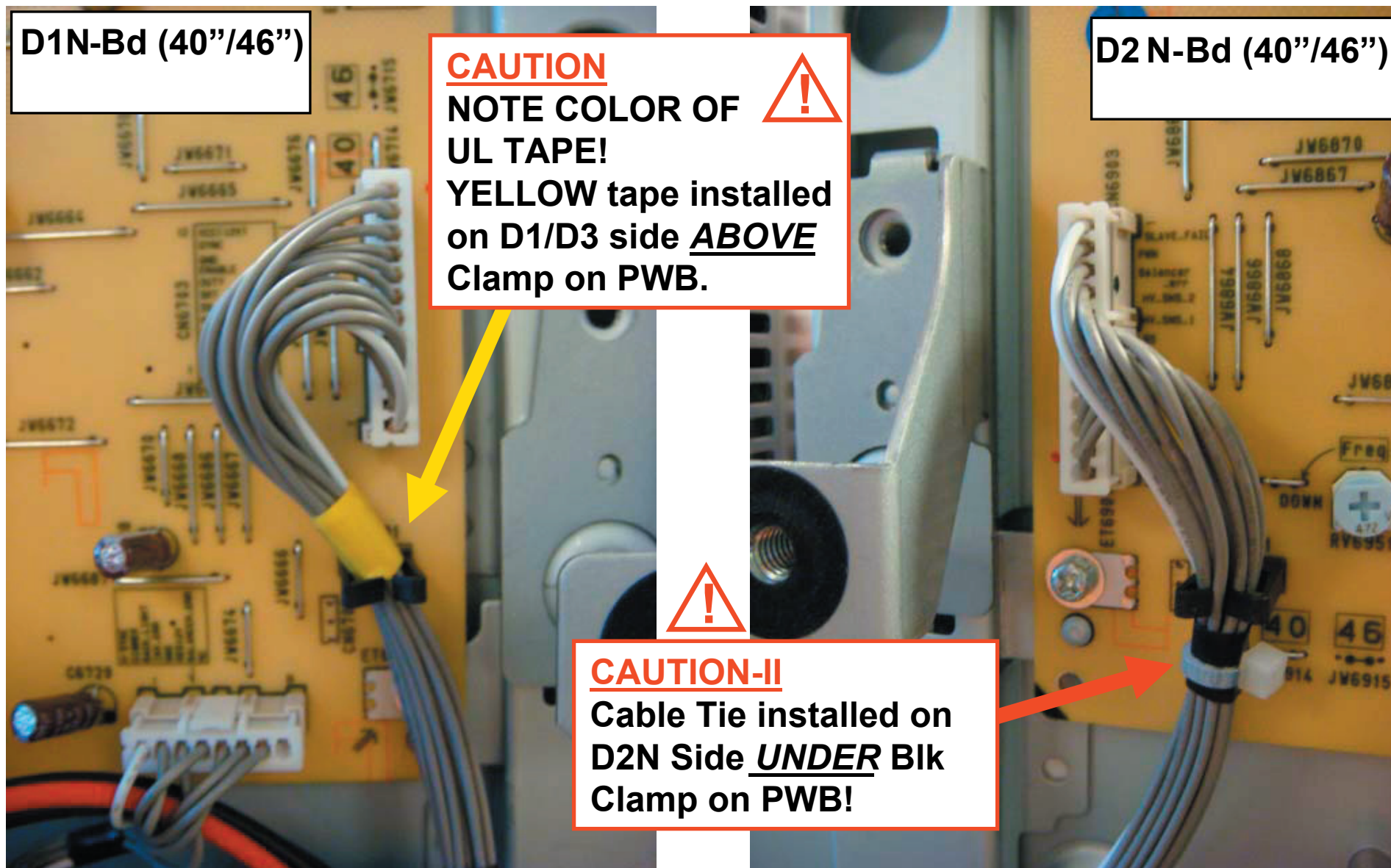


KDL-40XBR9 ONLY
D1N BOARD TO D2N BOARD



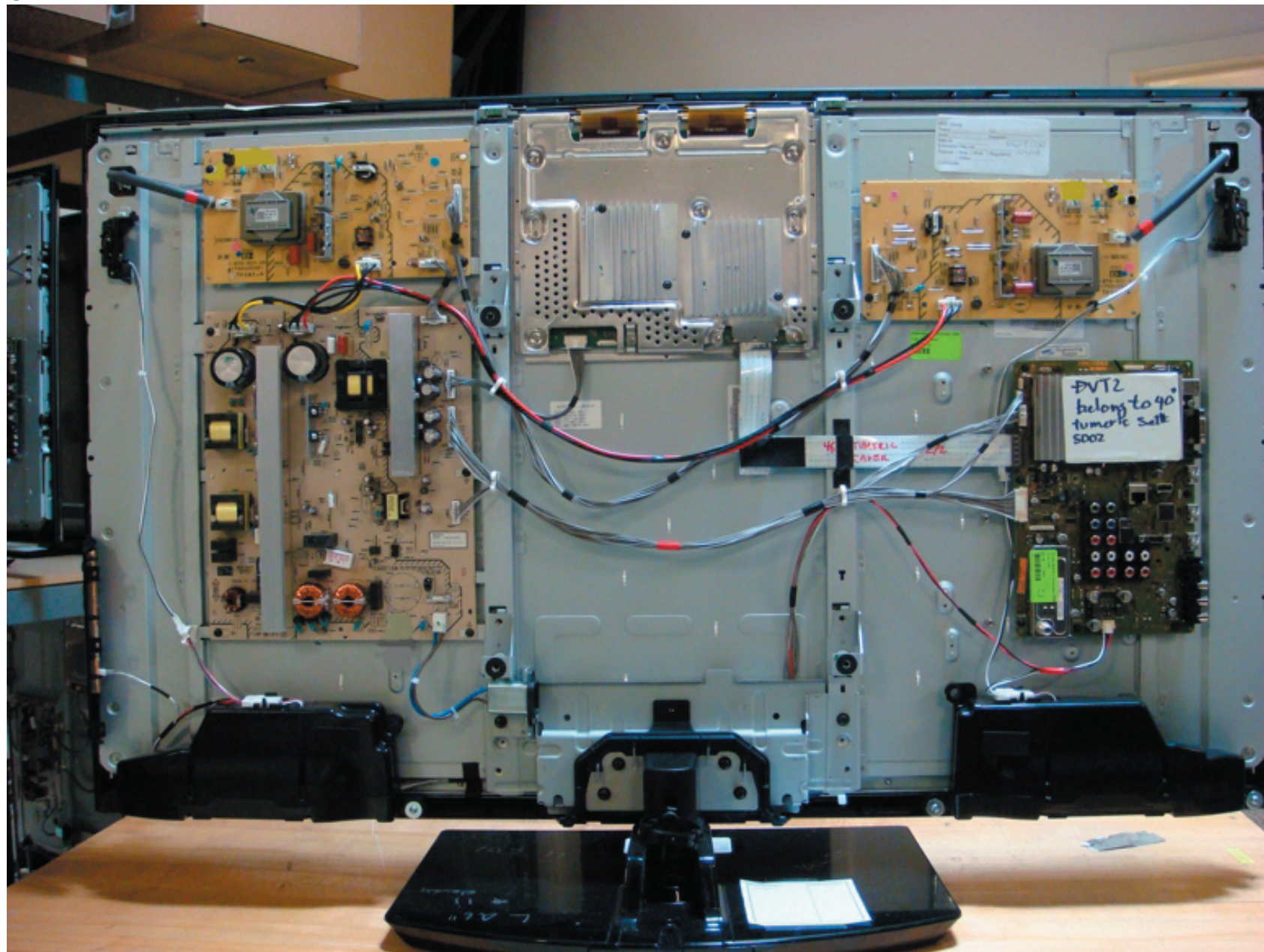
KDL-40XBR9 ONLY

D1N BOARD TO D2N BOARD (CONTINUED)

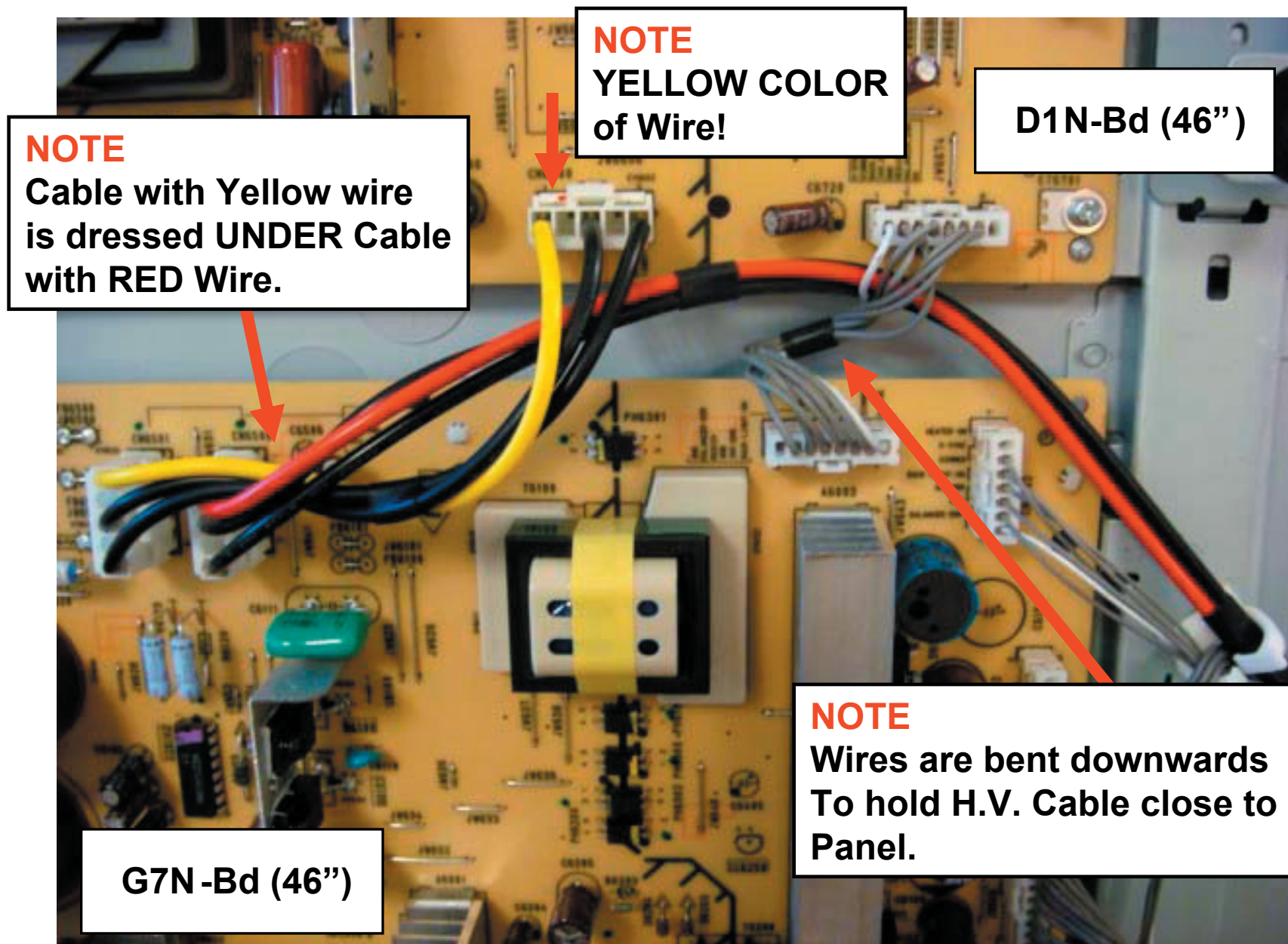


KDL-46XBR9 ONLY

OVERALL VIEW

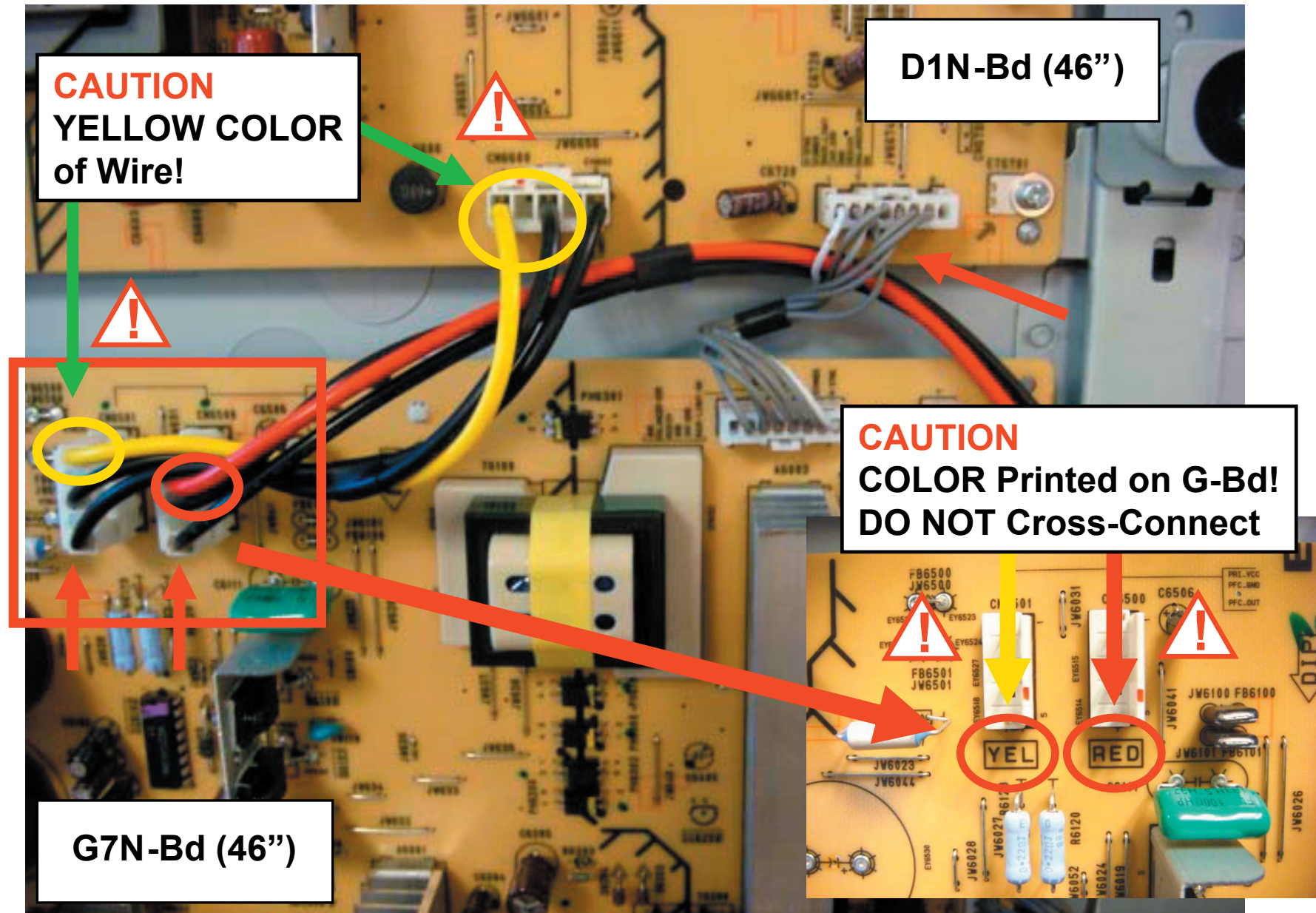


KDL-46XBR9 ONLY
G7N BOARD TO D1N BOARD

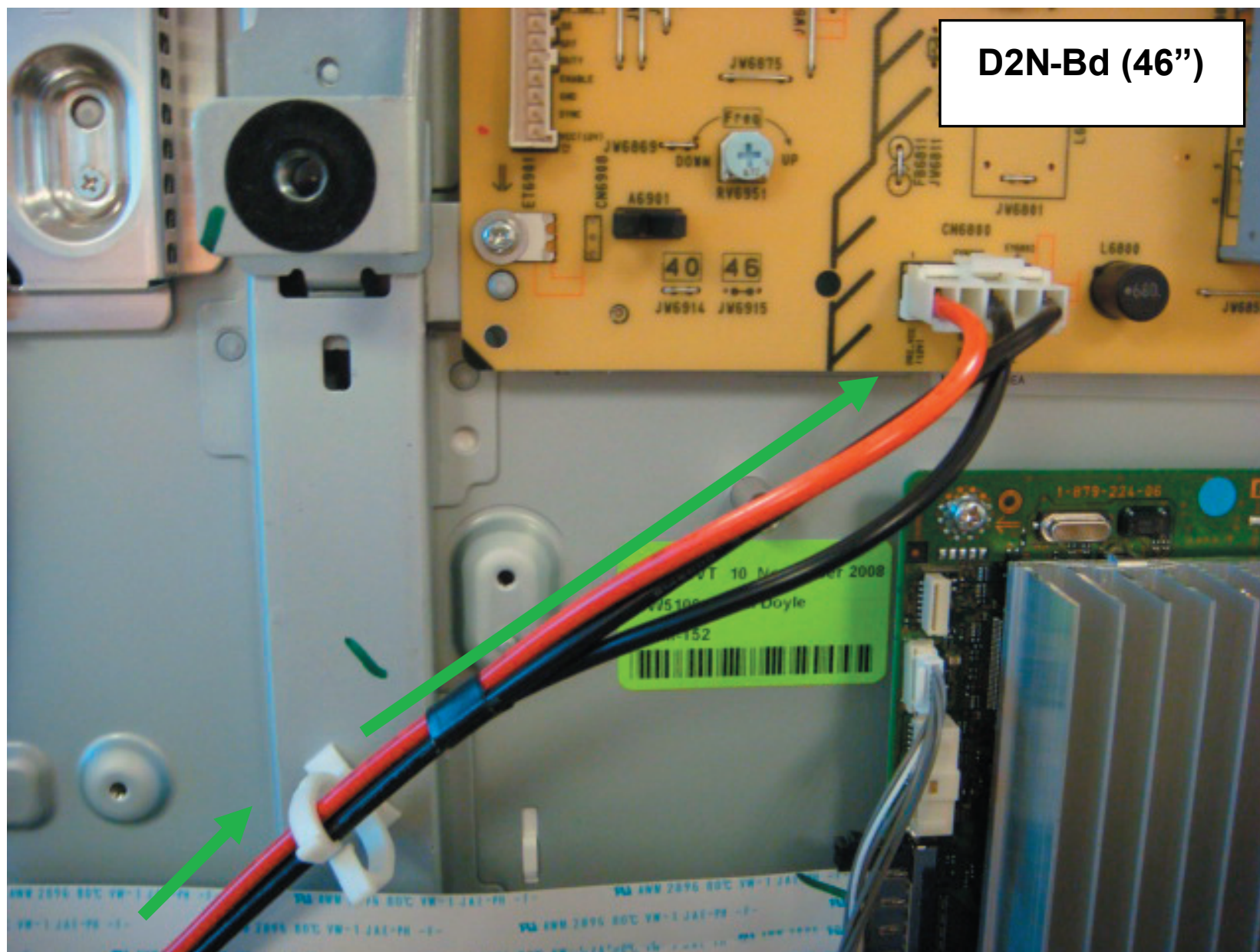


KDL-46XBR9 ONLY

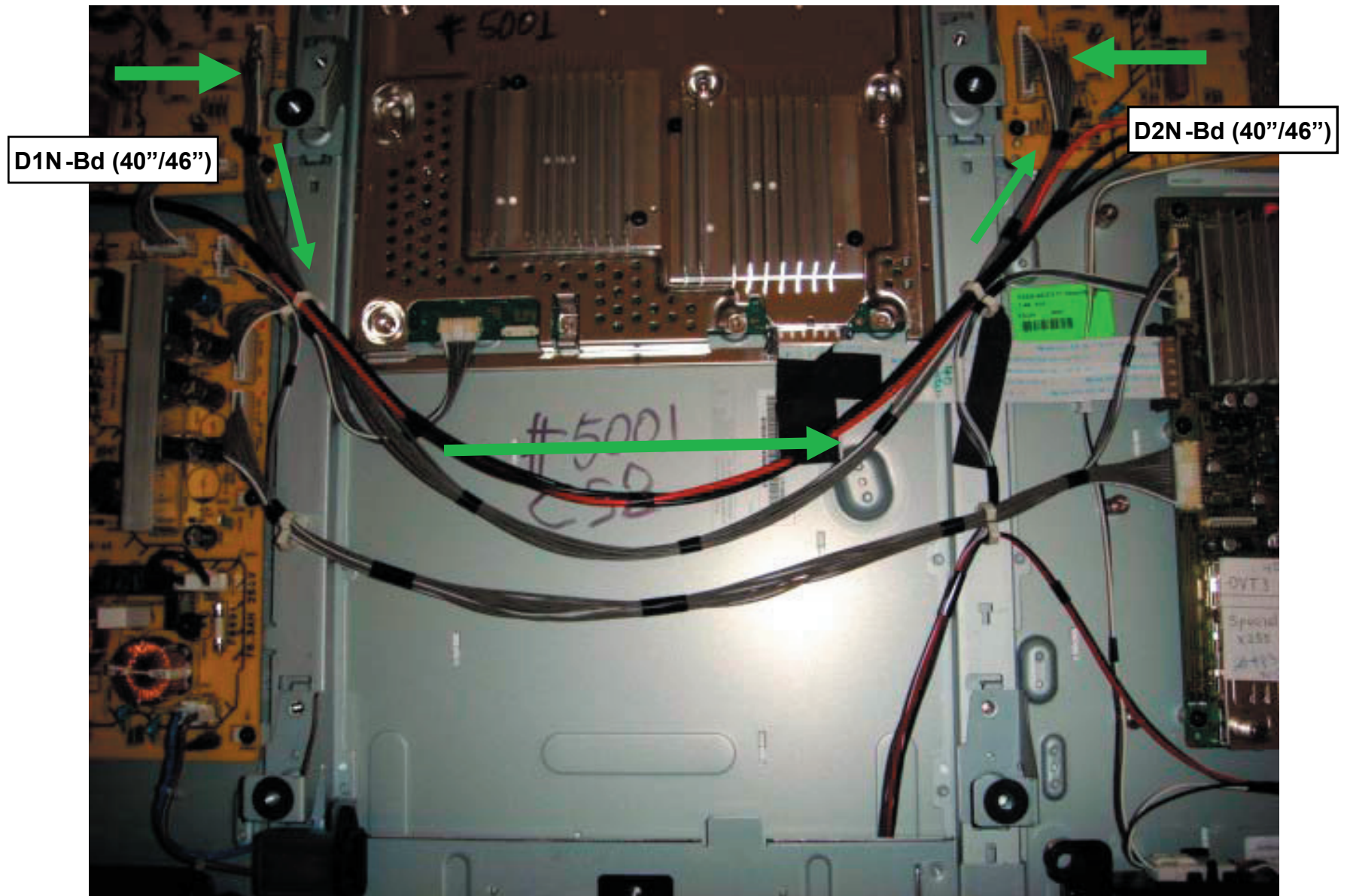
G7N BOARD TO D1N BOARD (CONTINUED)



KDL-46XBR9 ONLY
D2N BOARD CONNECTOR

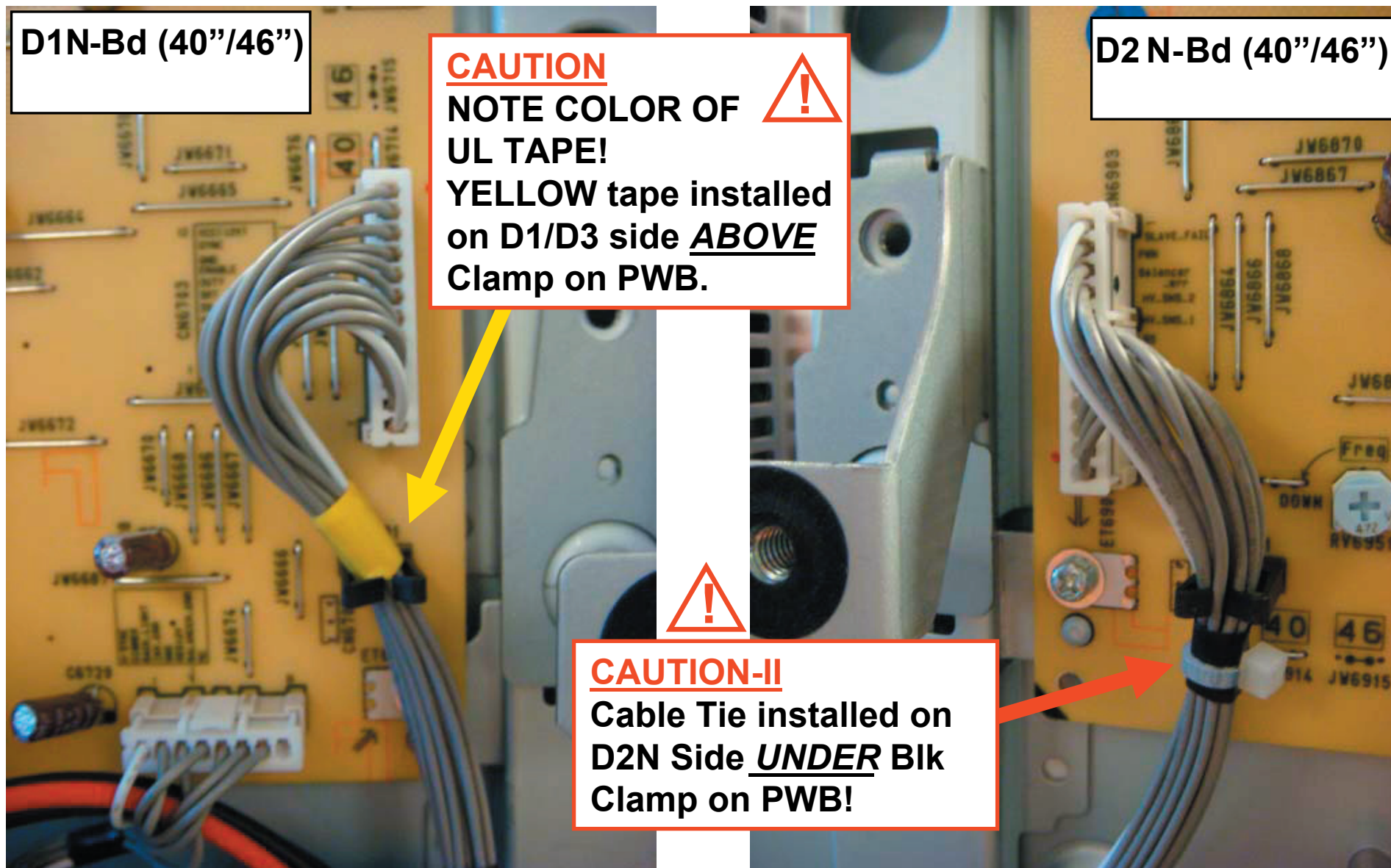


KDL-46XBR9 ONLY
D1N BOARD TO D2N BOARD

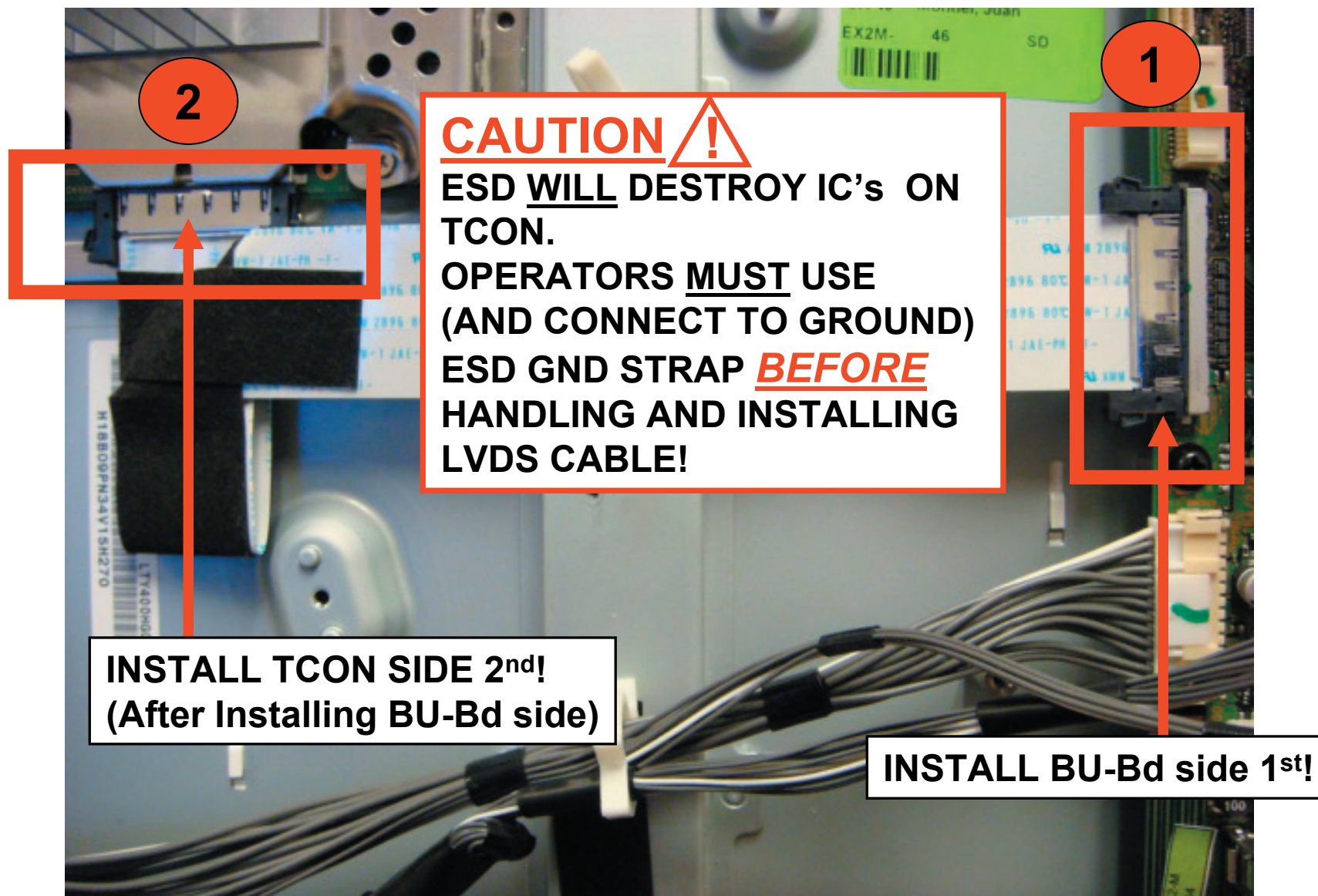


KDL-46XBR9 ONLY

D1N BOARD TO D2N BOARD (CONTINUED)

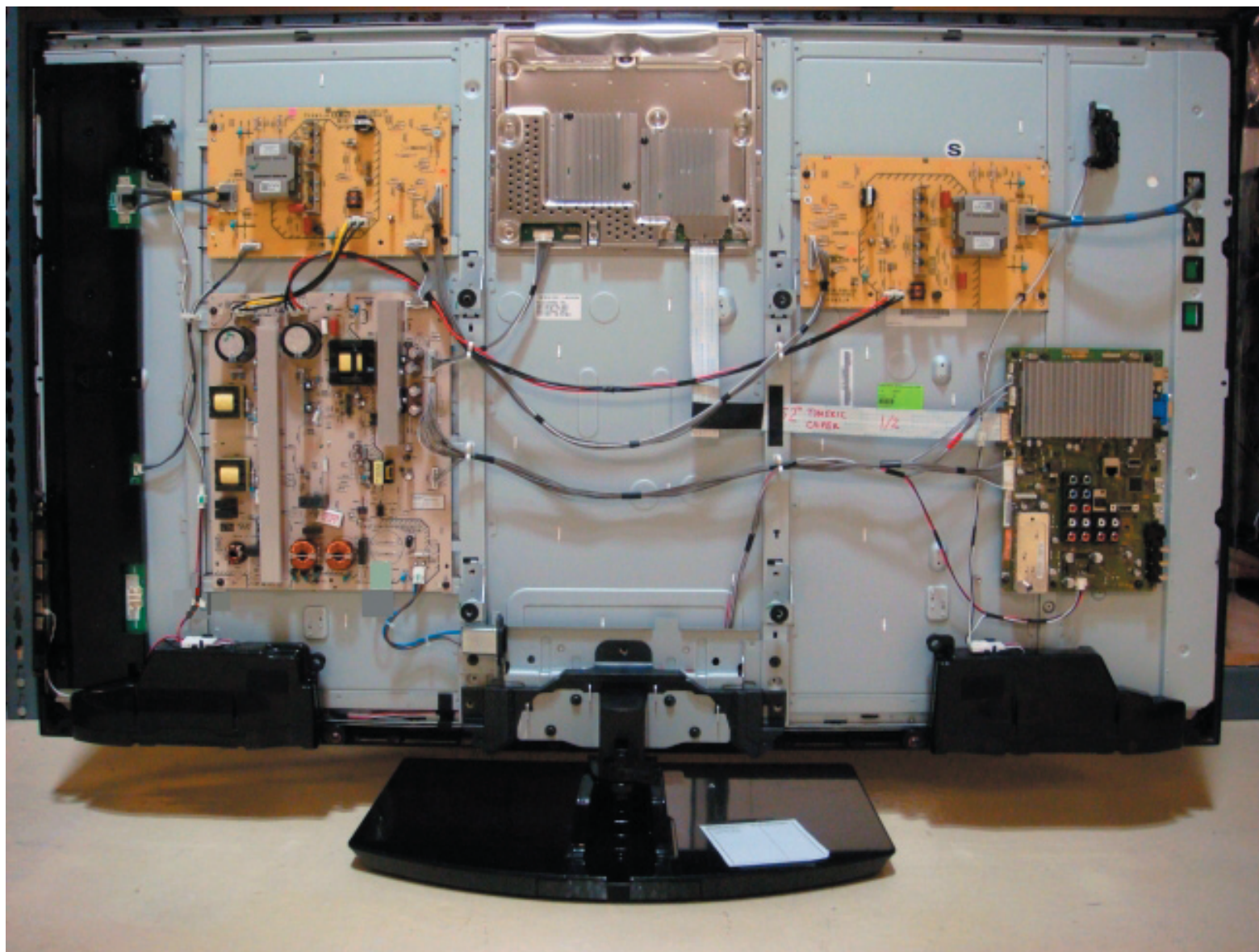


KDL-46XBR9 ONLY
LVDS CONNECTOR INSTALLATION

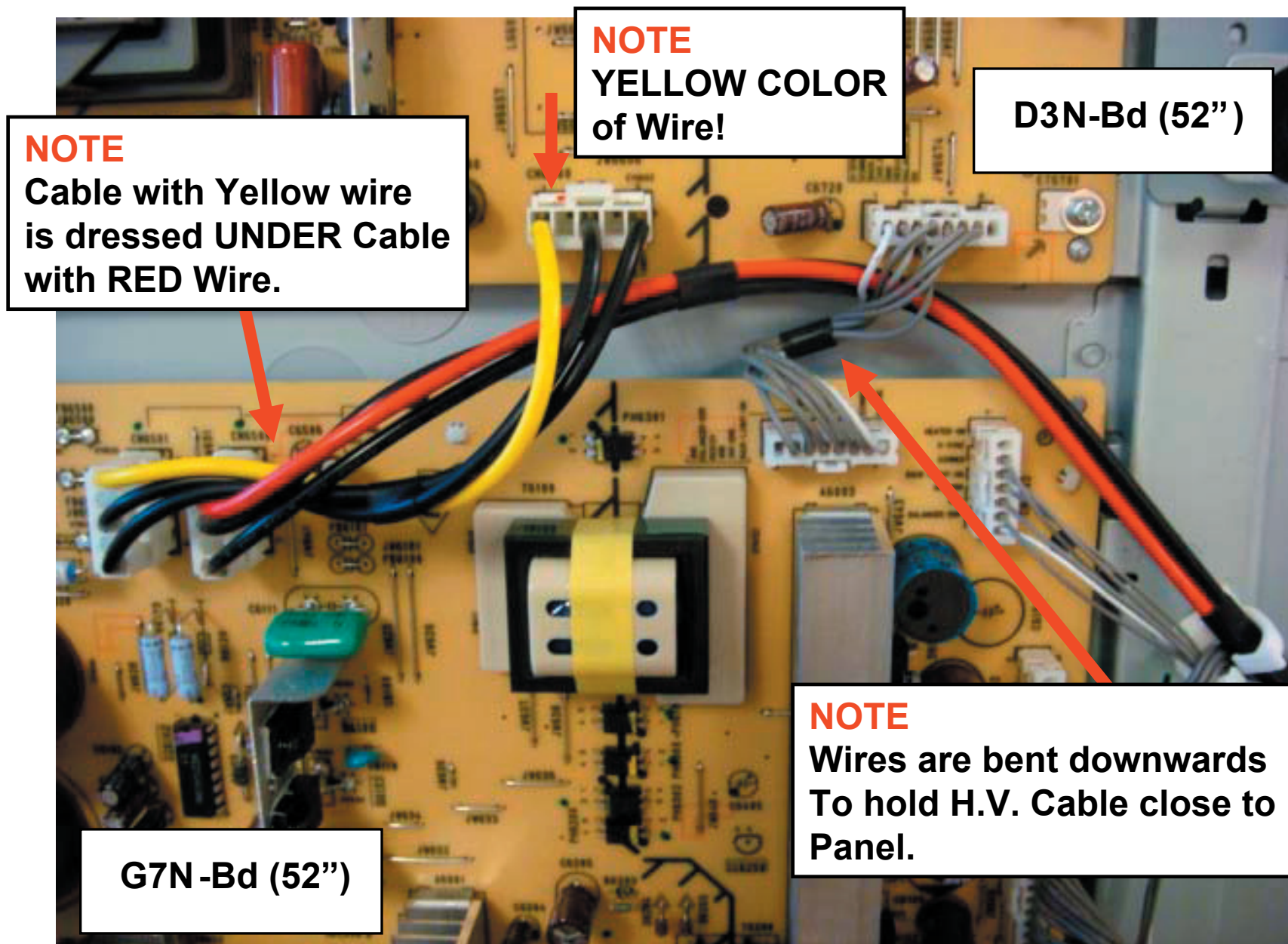


KDL-52XBR9 ONLY

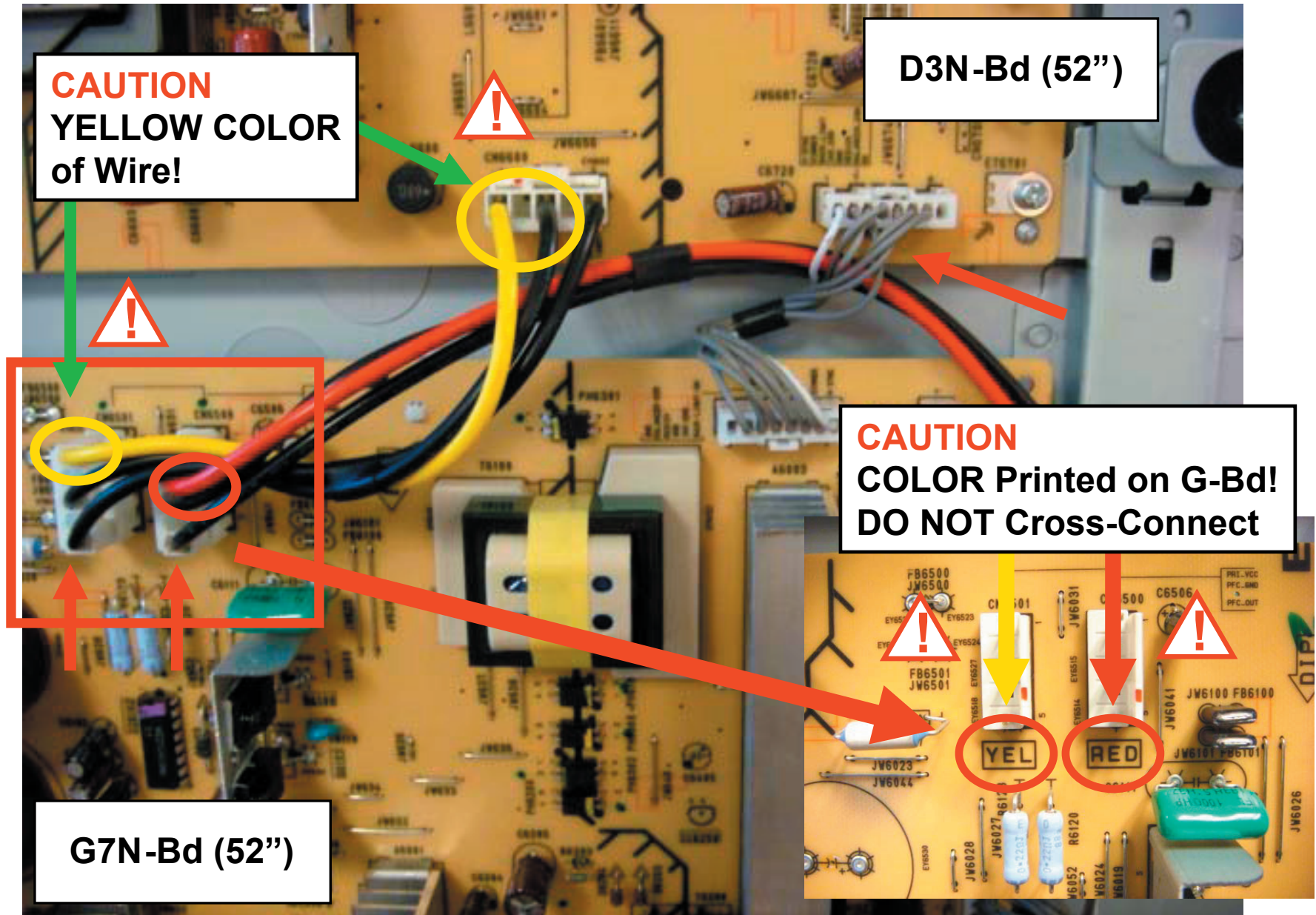
OVERALL VIEW



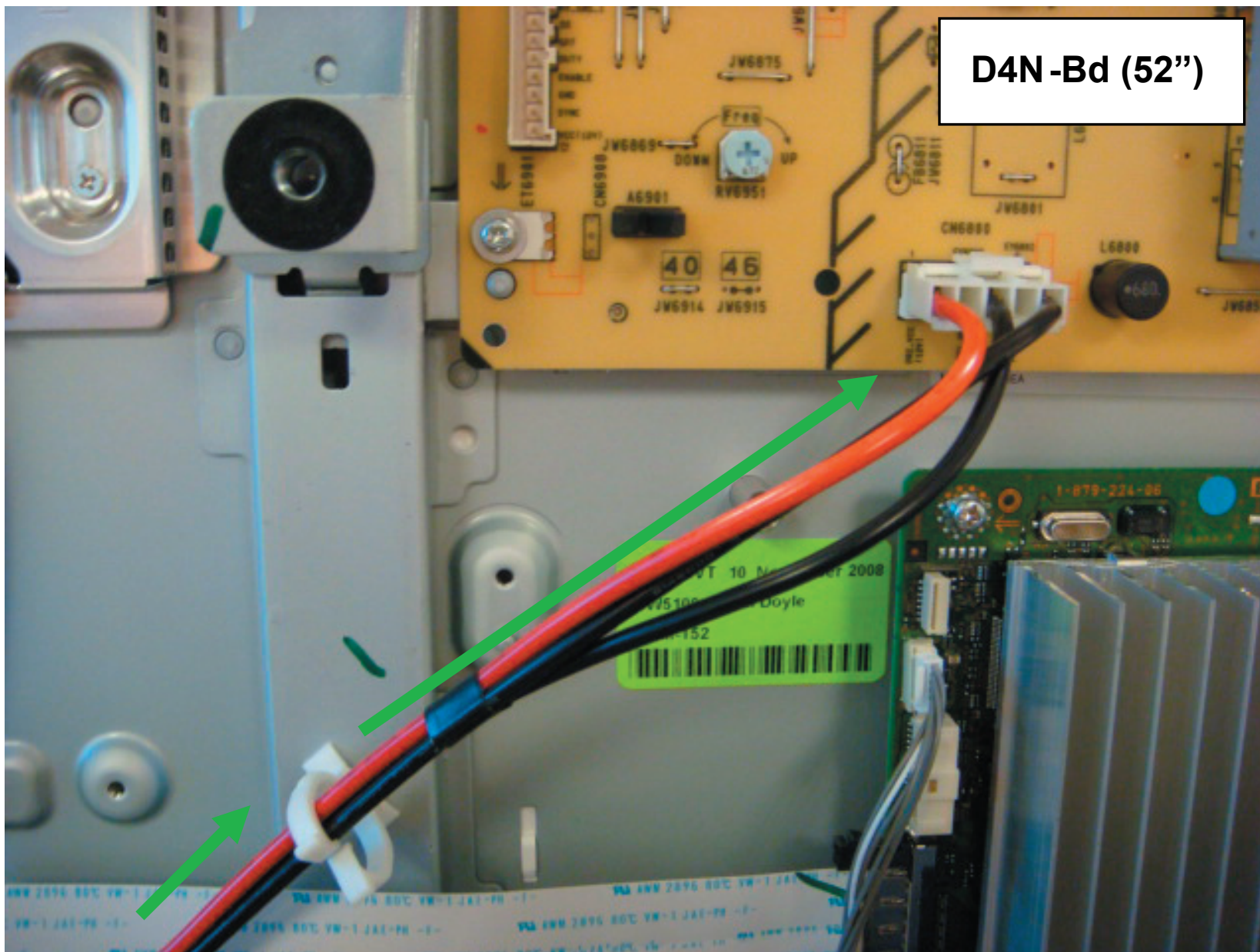
KDL-52XBR9 ONLY
G7N BOARD TO D3N BOARD



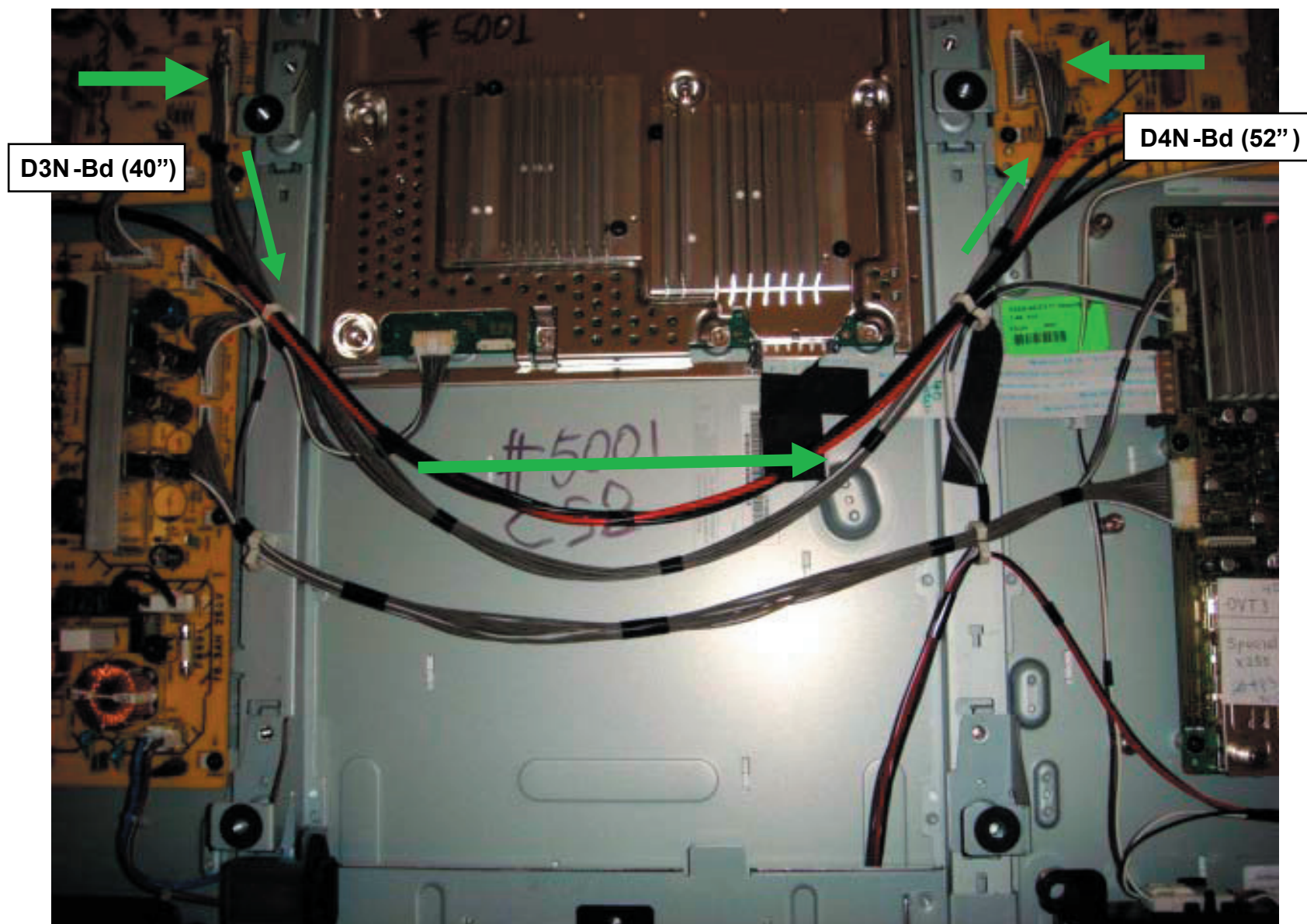
KDL-52XBR9 ONLY
G7N BOARD TO D3N BOARD (CONTINUED)



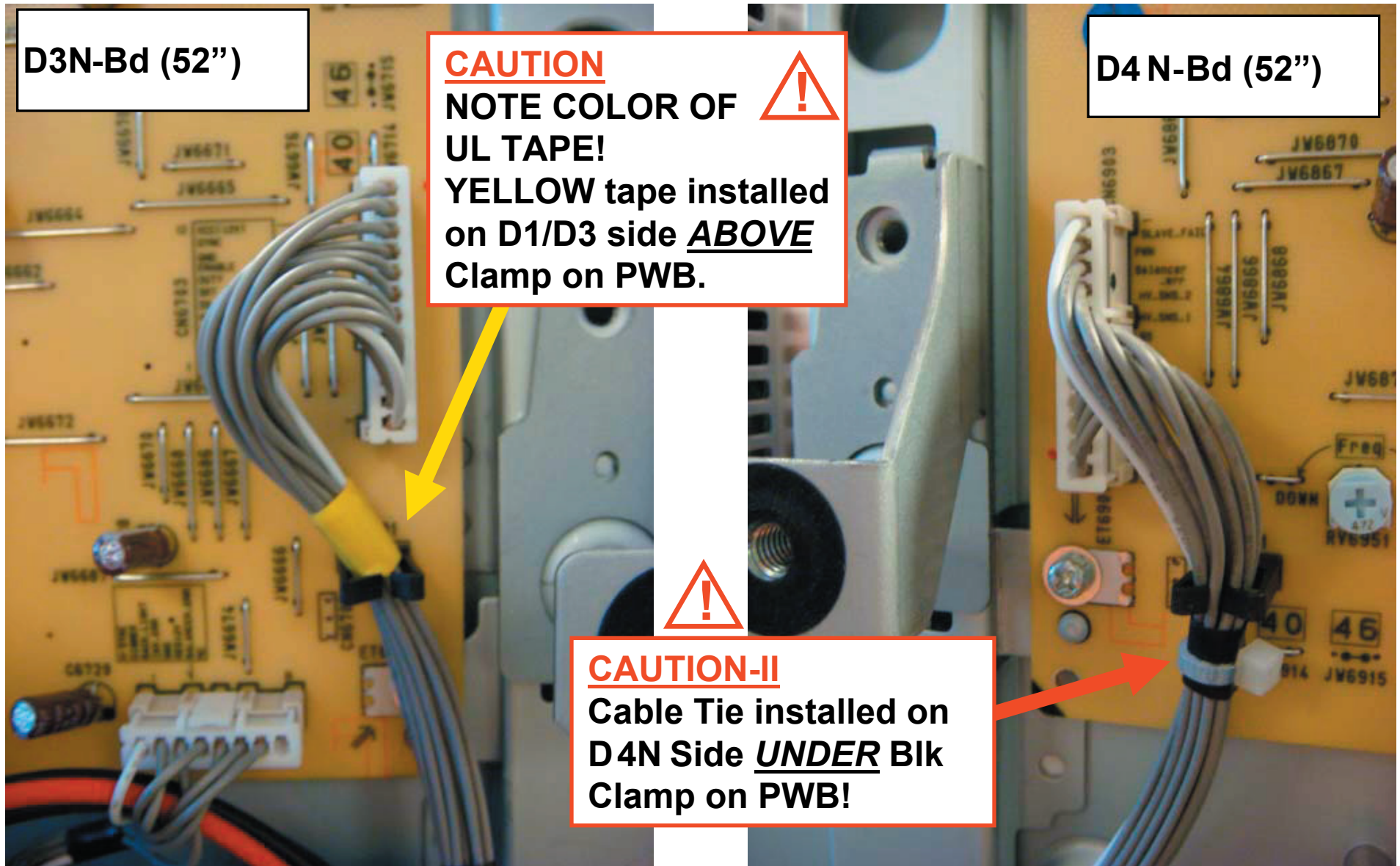
KDL-52XBR9 ONLY
D4N BOARD CONNECTOR



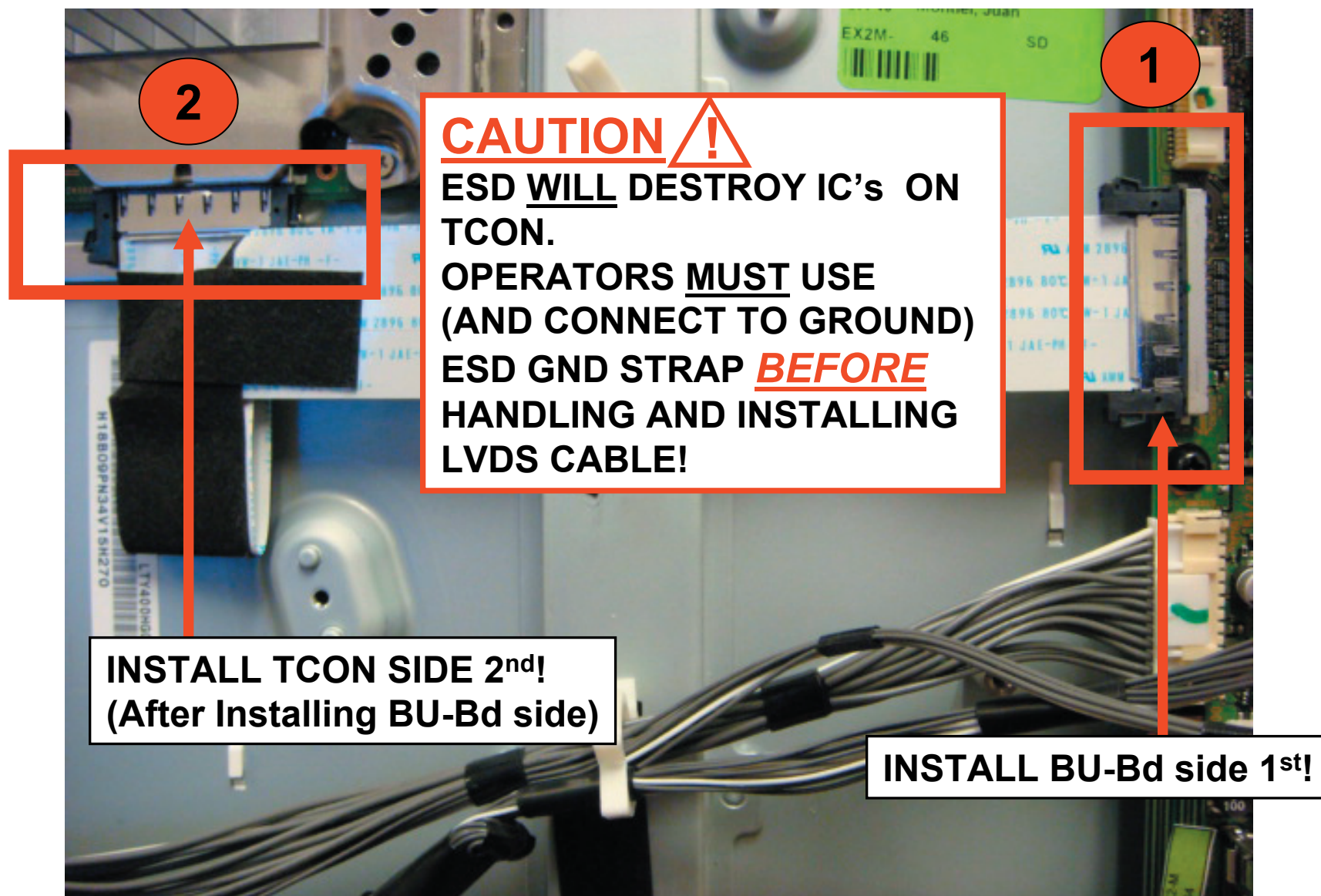
KDL-52XBR9 ONLY
D3N BOARD TO D4N BOARD



KDL-52XBR9 ONLY
LVDS CONNECTOR INSTALLATION



KDL-52XBR9 ONLY



SECTION 2: SERVICE ADJUSTMENTS

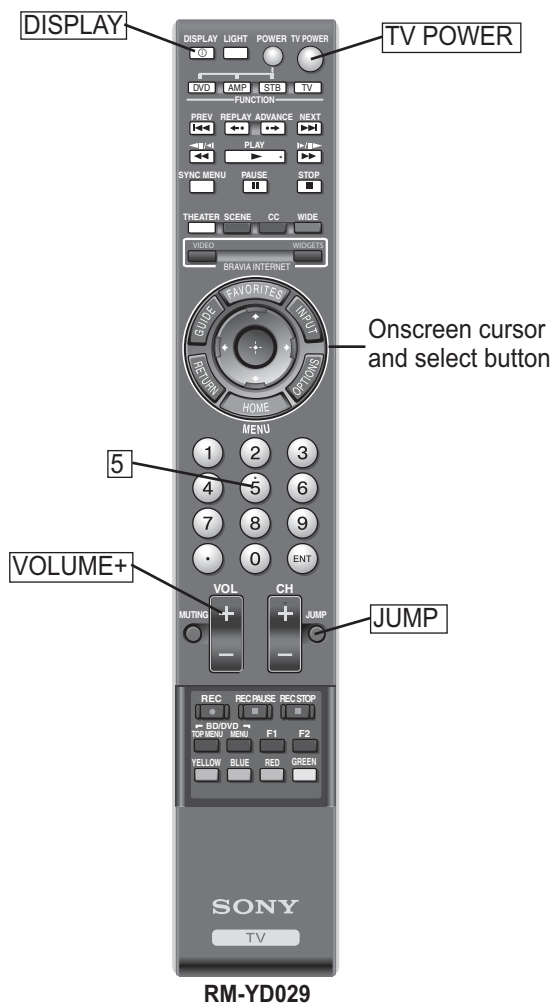
2-1. VIEWING SERVICE ADJUSTMENT DATA

There are no adjustments necessary for these models. All data has been set for optimal viewing for our customers. The following sections are for informational purposes only.

2-2. ACCESSING SERVICE ADJUSTMENT MODE

1. TV must be in standby mode. (Power off).
2. Press the following buttons on the Remote Commander within a second of each other:

DISPLAY → Channel **5** → Volume **+** → **TV POWER**.



RM-YD029

The first service menu (TV) displays.

QM	0	0	SERVICE
INFO			DTV
SOFTWARE VERSION			
PACKAGE:		aa0048pn	
MAIN MICRO PROGRAM:		DM1.00A.1000	
BOOT:		DB1.002W(REL)	
USER DATA:		DU1.003A	
SERVICE DATA:		DS1.003A	
AUDIO PACK DATA:		DA1.000D	
VIDEO PACK DATA:		DV1.001A	
SUB MICRO PROGRAM:		SM1.001W00AA	
BOOT:		SB0.011W00AA	
DATA:		SD0.041W00AA	

Sample Service Menu

3. To display the second **Service Menu**, press **JUMP** on the Remote Commander.

SUB	SERVICE
000	MODEL
000	DESTINATION 3

2-3. USING THE REMOTE COMMANDER TO VIEW SERVICE DATA

Use the buttons on the Remote Commander to access the service menu items and adjust the data values.

1. Access Service Mode.

Press the following buttons on the Remote Commander within a second of each other:

DISPLAY → Channel **5** → Volume **+** → **TV POWER**.

	Category	Adjustment Item	
Category Number	SUB	SERVICE	
Adjustment Item Number	000	MODEL	
	000	DESTINATION	3 ← Data Value

The screen displays the first category in the selected service menu.

2. To change the **category**, press **2** or **5** on the Remote Commander.
Note: Pressing **2** or **5** only changes the categories within the service menu displayed.
 To change a category on one of the other service menus, press the **JUMP** button until the correct service menu is displayed.
3. To change the **adjustment item**, press **1** or **4** on the Remote Commander.
4. To exit service mode, turn the power off.

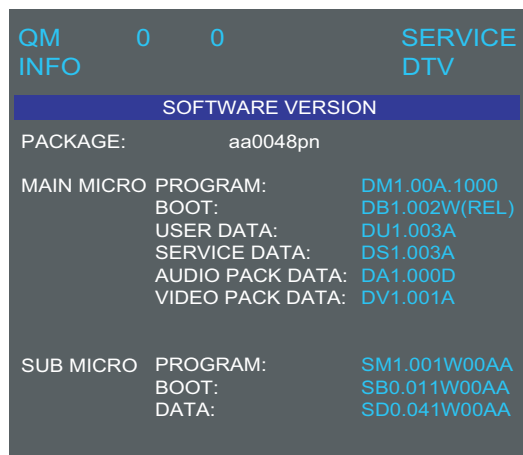
2-4. SETTING THE DESTINATION AFTER REPLACING THE BU BOARD

By default, the data value set for the Destination information on the replacement BU Board is set to 3 for US and Canada models. To change the destination to 17 for Mexico and Latin America models, use the following steps:

1. Access Service Mode.

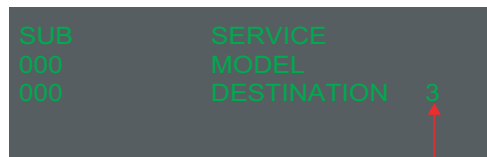
Press the following buttons on the Remote Commander within a second of each other:

[DISPLAY] → Channel [5] → Volume [+] → [TV POWER].



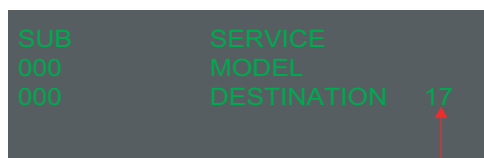
Digital Service Menu

2. To display the Chassis menu, press [JUMP] on the Remote Commander.



Default Destination is set for US/CND models

3. For Mexico and Latin America models only, press Channel [3] until the data value of the DESTINATION is set to 17.



For Mexico and Latin America models, set the data value to 17

CAUTION: Verify the DESTINATION is set to 17 before proceeding to the next step. If another destination data value is selected, it may possibly corrupt the software which would require a BU Board replacement.

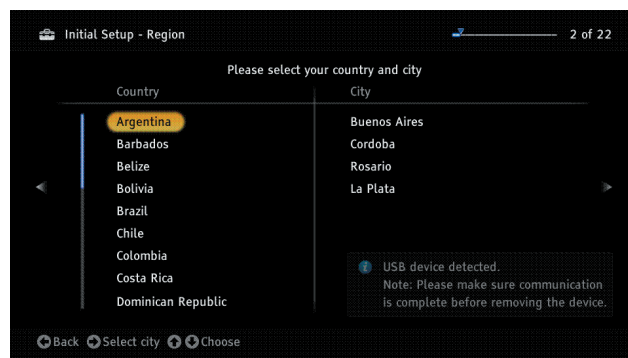
4. To write the data press [MUTE], and then press Channel [0].



5. To set the data to provide the correct auto programming options, press Channel [8], then press [MUTE], and then press Channel [0].



6. Go through the initial setup and verify that the South American regions display.



2-5. RESETTING TO FACTORY DEFAULTS

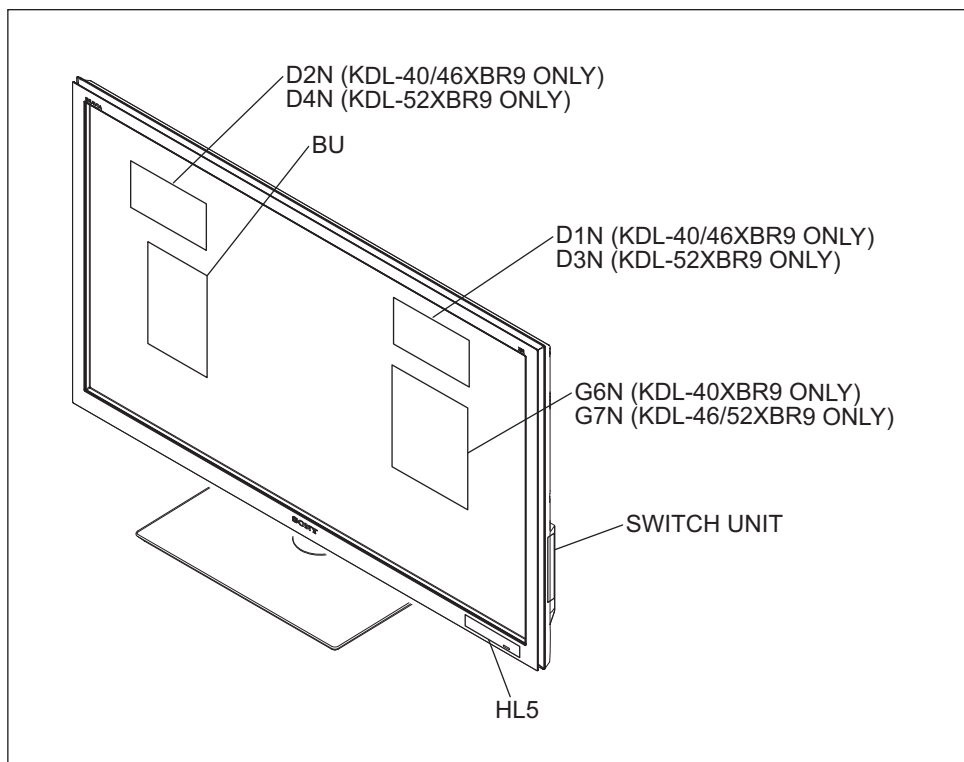
Use the following instructions to restore the User Controls and Channel Memory settings to the preset factory conditions.

1. While holding down the [▲] on the Remote Commander, press the POWER button on the Front Panel of the set.

The set restarts and displays the initial setup screen. This may take several minutes.

SECTION 3: DIAGRAMS

3-1. CIRCUIT BOARDS LOCATION



3-2. PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS INFORMATION

All capacitors are in μF unless otherwise noted. pF : μF 50V or less are not indicated except for electrolytics and tantalums.

All electrolytics are in 50V unless otherwise specified.

All resistors are in ohms. $\text{k}\Omega=1000\Omega$, $\text{M}\Omega=1000\text{k}\Omega$

Indication of resistance, which does not have one for rating electrical power, is as follows:

Pitch : 5mm

Rating electrical power : $\frac{1}{4}\text{W}$

$\frac{1}{4}\text{W}$ in resistance, $\frac{1}{10}\text{W}$ and $\frac{1}{16}\text{W}$ in chip resistance.

: nonflammable resistor

: fusible resistor

: internal component

: panel designation and adjustment for repair

: earth ground

: earth-chassis

All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

Readings are taken with a color-bar signal input.

Readings are taken with a $10\text{M}\Omega$ digital multimeter.

Voltages are DC with respect to ground unless otherwise noted.

Voltage variations may be noted due to normal production tolerances.

All voltages are in V.

S : Measurement impossibility.

: B+line.

: B-line. (Actual measured value may be different).

: signal path. (RF)

Circled numbers are waveform references.

The components identified by shading and are critical for safety. Replace only with part number specified.

The symbol indicates a fast operating fuse and is displayed on the component side of the board. Replace only with fuse of the same rating as marked.

Les composants identifiés par un trame et une marque sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Le symbole indique une fusible à action rapide. Doit être remplacé par une fusible de même valeur, comme marqué.

NOTE: The components identified by a red outline and a mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

REFERENCE INFORMATION

RESISTOR

: RN METAL FILM

: RC SOLID

: FPRD NONFLAMMABLE CARBON

: FUSE NONFLAMMABLE FUSIBLE

: RW NONFLAMMABLE WIREWOUND : MPS METALIZED POLYESTER

: RS NONFLAMMABLE METAL OXIDE : MPP METALIZED POLYPROPYLENE

: RB NONFLAMMABLE CEMENT : ALB BIPOLAR

: ※ ADJUSTMENT RESISTOR : ALT HIGH TEMPERATURE

CAPACITOR

: TA TANTALUM

: PS STYROL

: PP POLYPROPYLENE

: PT MYLAR

: MPS METALIZED POLYESTER

: MPP METALIZED POLYPROPYLENE

: ALB BIPOLAR

: ALT HIGH TEMPERATURE

: ALR HIGH RIPPLE

COIL

: LF-8L MICRO INDUCTOR

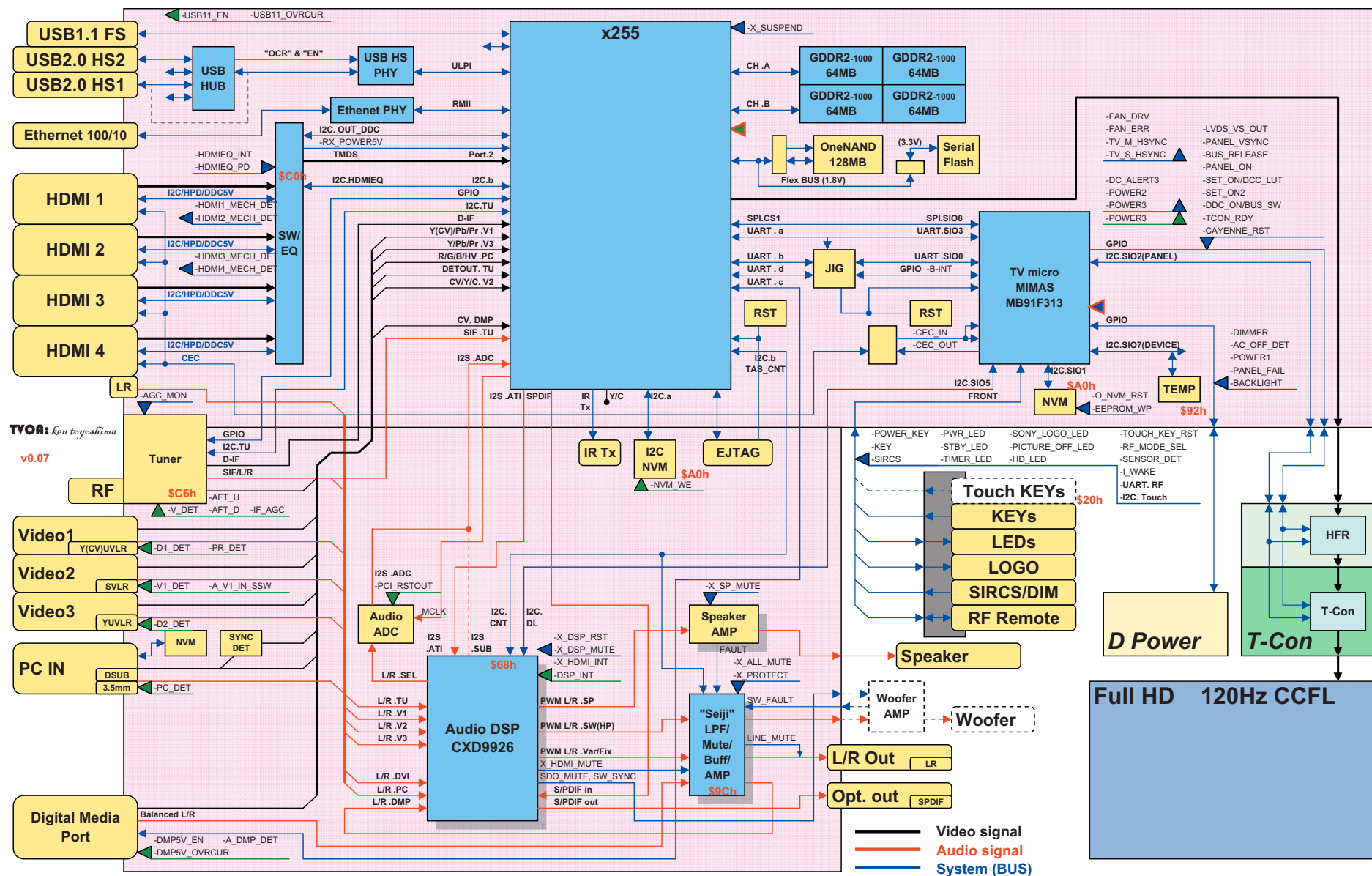
Terminal name of semiconductors in silk screen
printed circuit (※)

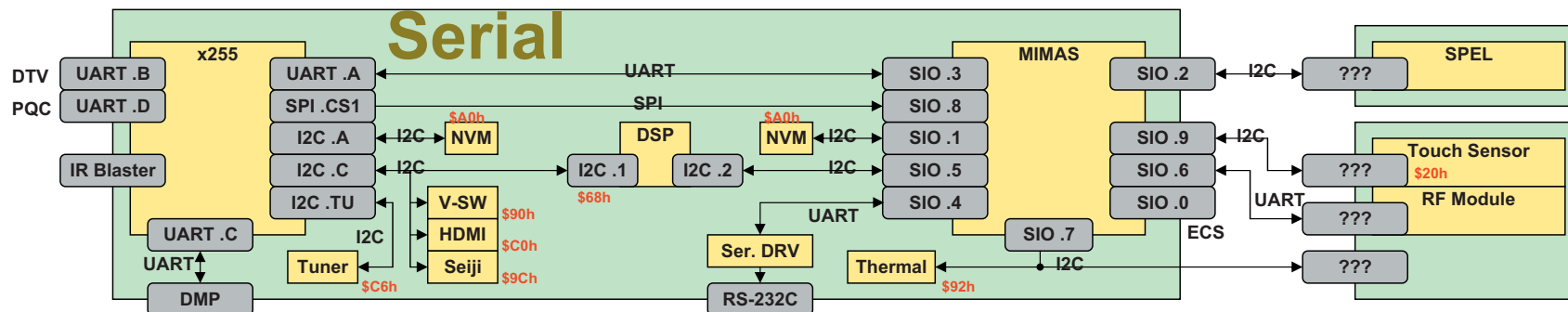
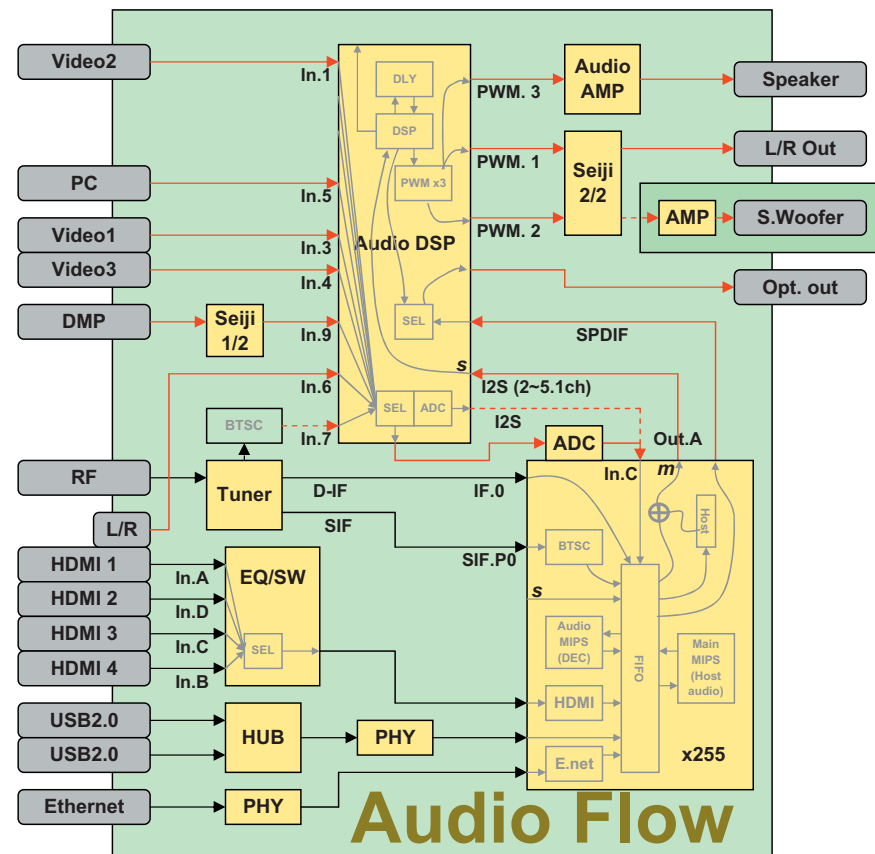
	Device	Printed symbol	Terminal name	Circuit
1	Transistor		Collector Base Emitter	
2	Transistor		Collector Base Emitter	
3	Diode		Cathode Anode	
4	Diode		Cathode Anode (NC)	
5	Diode		Cathode Anode (NC)	
6	Diode		Common Anode Cathode	
7	Diode		Common Anode Cathode	
8	Diode		Common Anode Anode	
9	Diode		Common Anode Anode	
10	Diode		Common Cathode Cathode	
11	Diode		Common Cathode Cathode	
12	Diode		Anode Cathode Anode Anode Cathode Anode	
13	Transistor (FET)		Drain Source Gate	
14	Transistor (FET)		Drain Source Gate	
15	Transistor (FET)		Source Drain Gate	
16	Transistor		Emitter Collector Base	
17	Transistor		C2(B1)E1 E2(B2)C1	
18	Transistor		C1(B2)E2 E1(B1)C2	
19	Transistor		C1 B2 E2 E1 B1 C2	
20	Transistor		C1 B2 E2 E1 B1 C2	
21	Transistor		E2 B1 E1 C2 C1(B2)	
22	Transistor		(B2) B1 E1 E2 C1 C2	
23	Transistor		(B2) E2 E1 B1 C2 C1	
—	Discrete semiconductor			

(Chip semiconductors that are not actually used are included.)

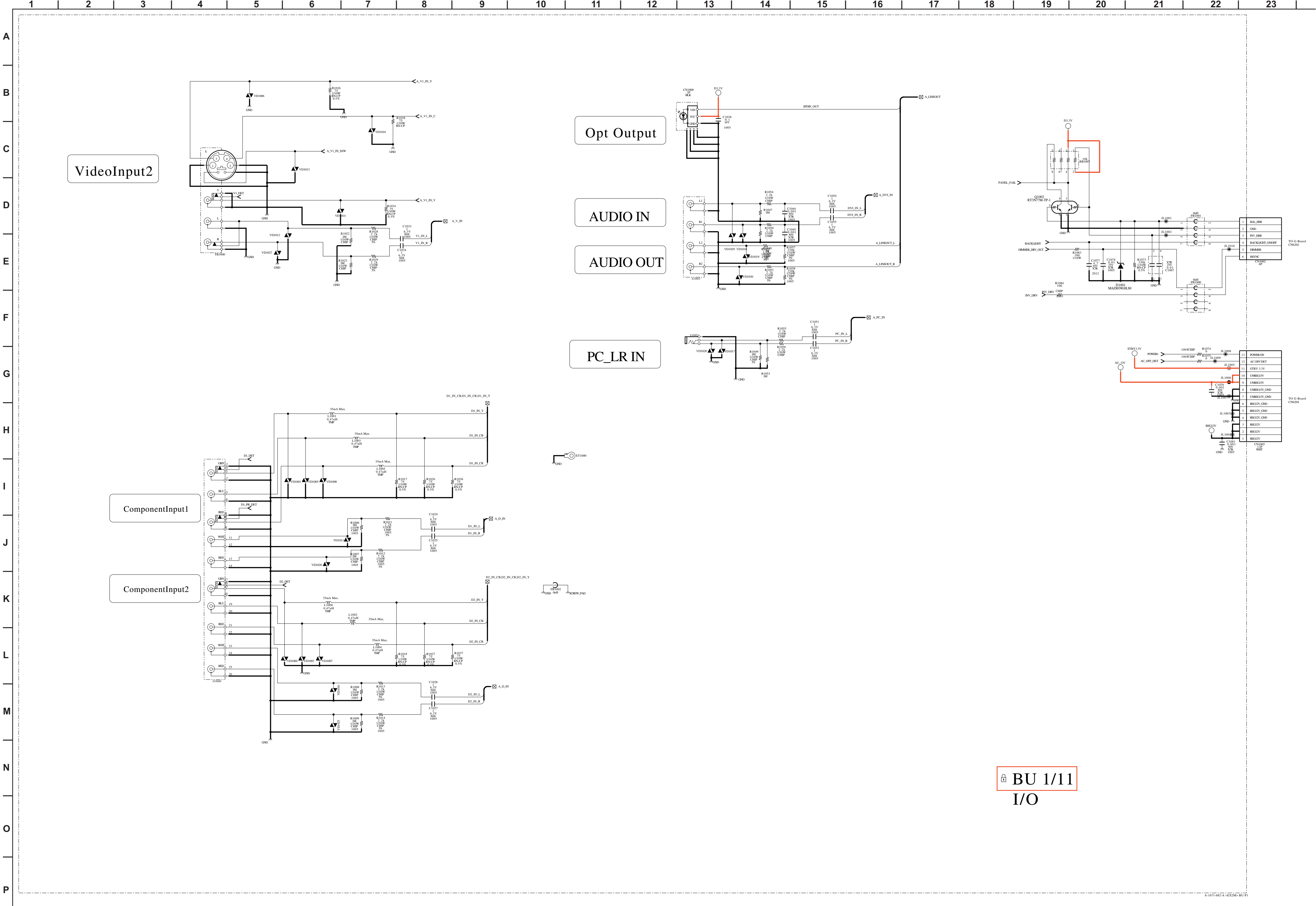
Ver.1.6

3-3. BLOCK DIAGRAM



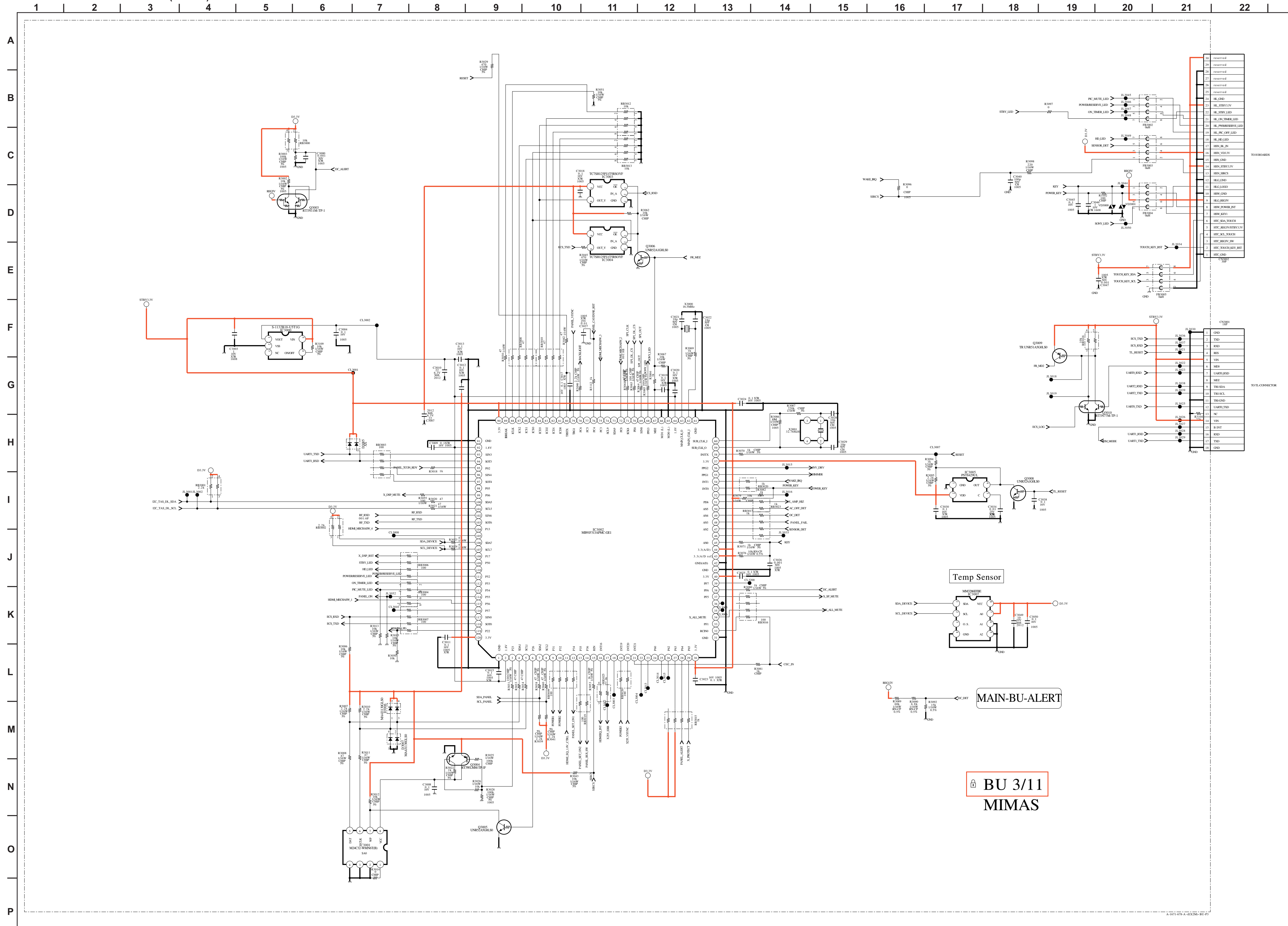


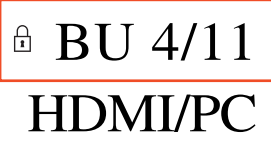
3-5. SCHEMATICS AND SUPPORTING INFORMATION
BU BOARD SCHEMATIC DIAGRAM (1 OF 11)

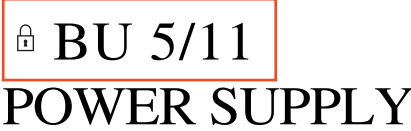


BU 2/11
AUDIO

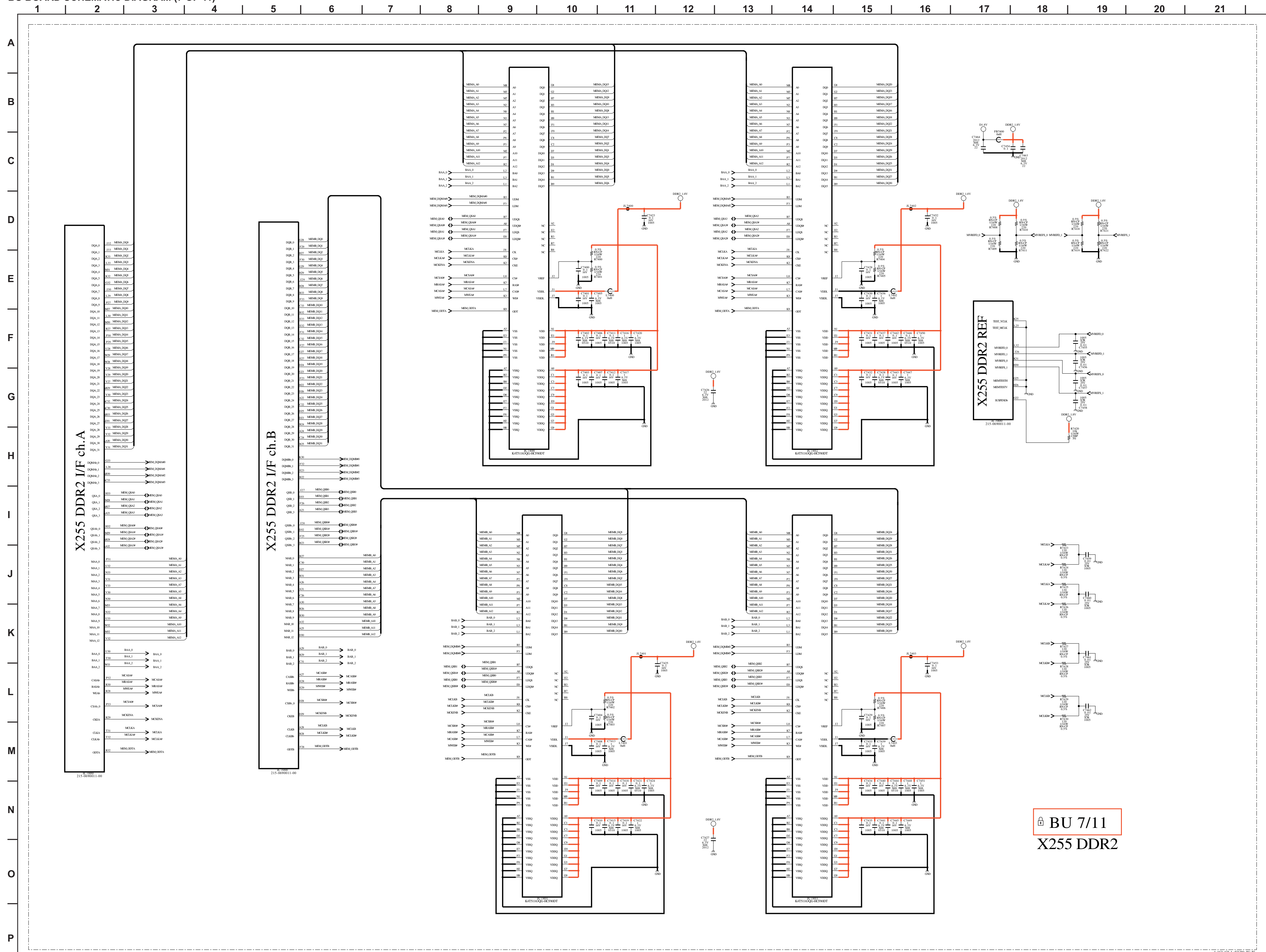
BU BOARD SCHEMATIC DIAGRAM (3 OF 11)

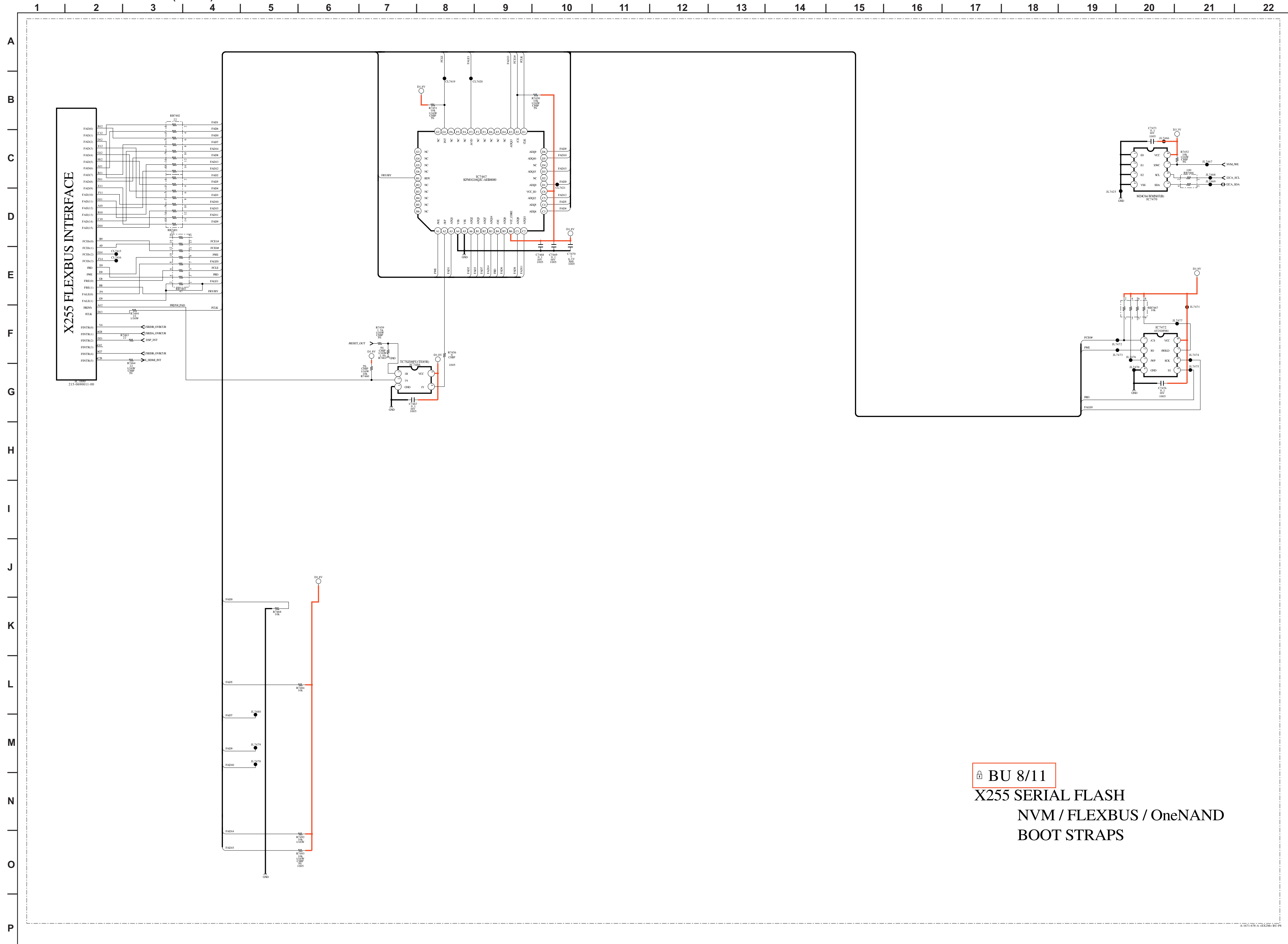






BU BOARD SCHEMATIC DIAGRAM (7 OF 11)





BU 9/11
X255 DVI / ANALOG VIDEO
AUDIO I2S IF
USB1.1 / USB2.0 / Ethernet

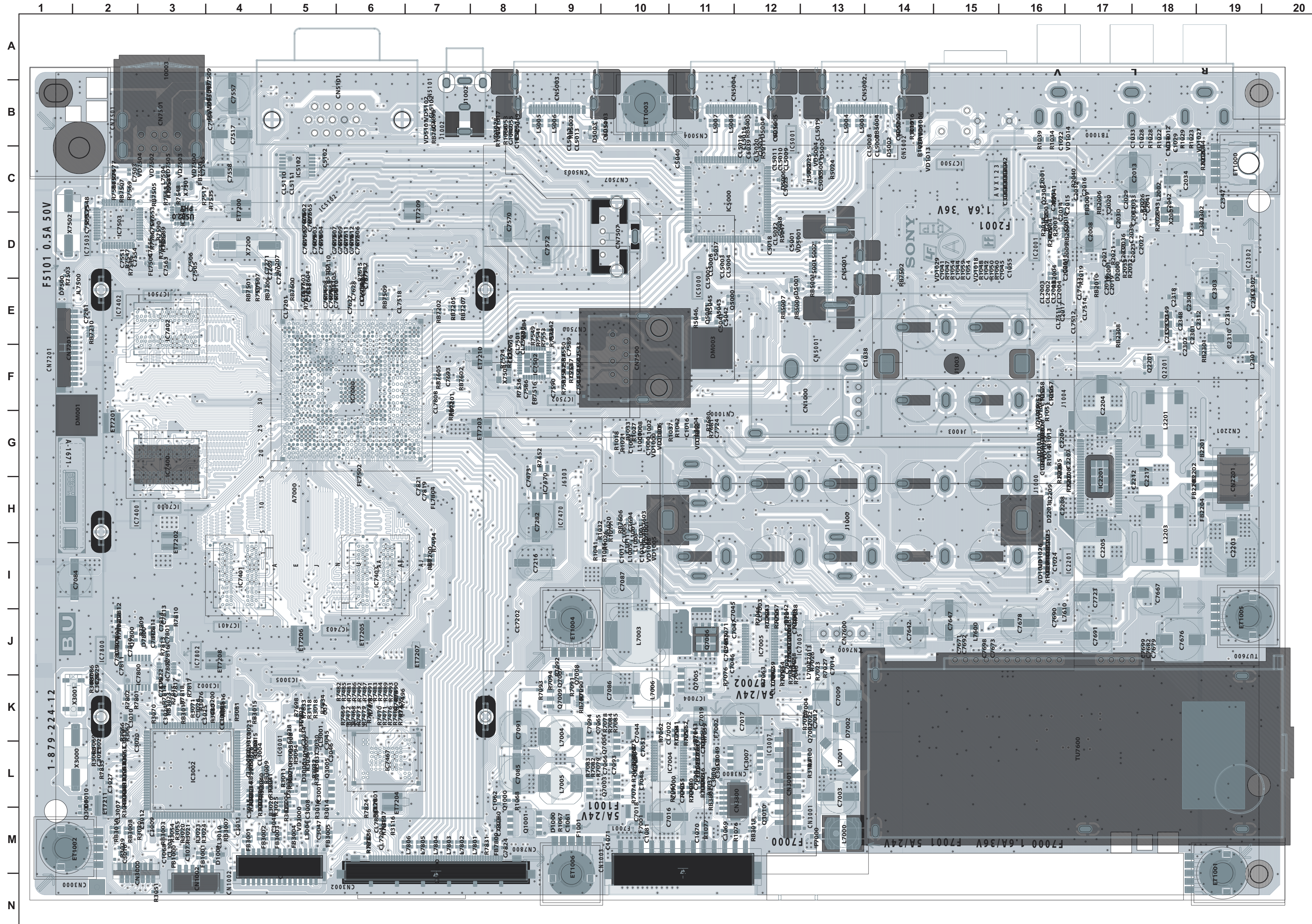




BU

[I/O, AUDIO, MIMAS, HDMI/PC, POWER SUPPLY, X255 POWER, GND, PWR DECOUPLING, XTAL, PLL, RESET, PERIPHERAL, X255 DDR2, X255 SERIAL FLASH, NVM, FLEXBUS, ONENAND, BOOT STRAPS, X255 DVI, ANALOG VIDEO, AUDIO I2S IF, USB1.1, USB 2.0, ETHERNET, X255 FRONTEND, GPIO, ADC, X255 LVDS, PANEL IF]

COMPONENT SIDE



CONDUCTOR SIDE





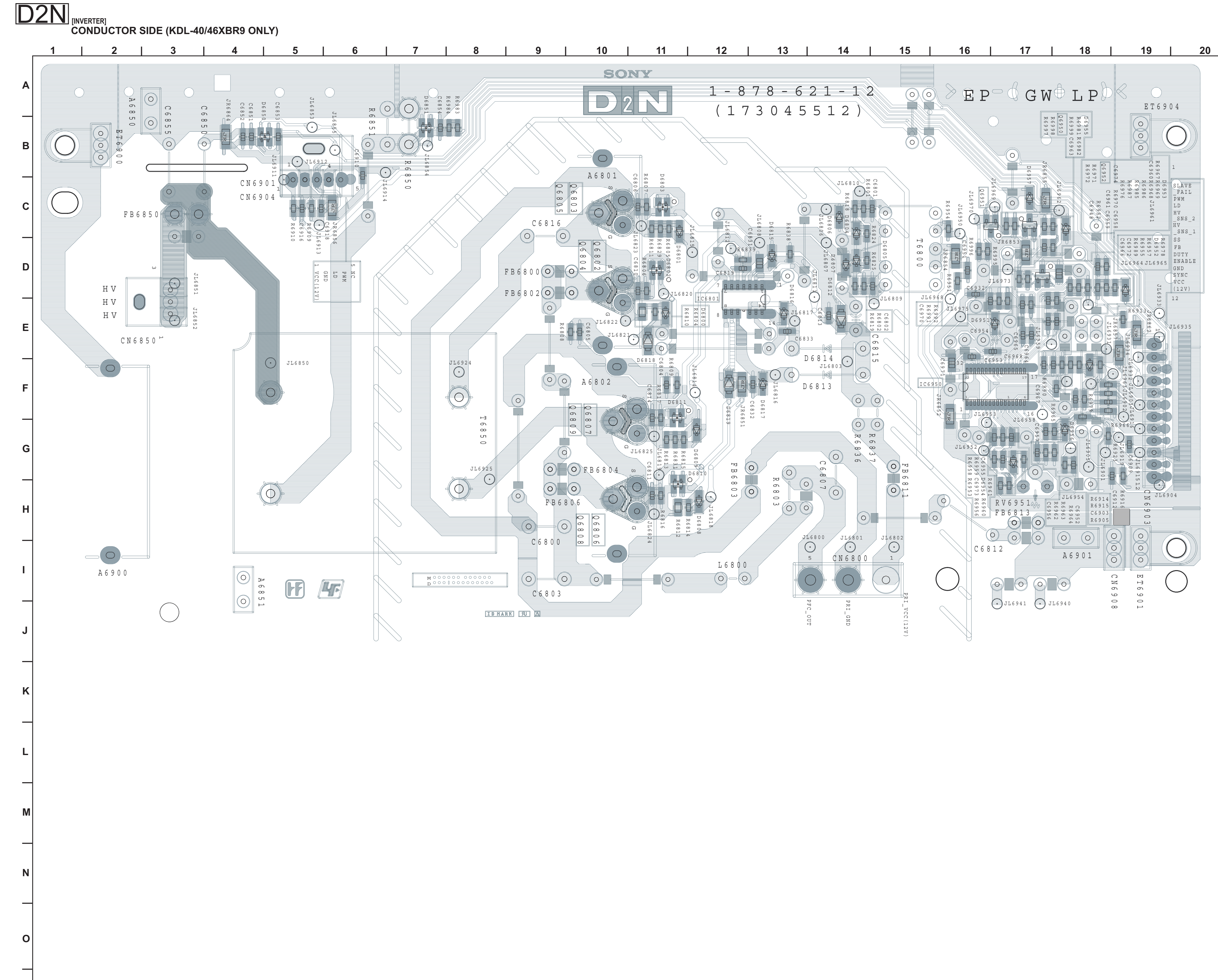




KDL-40XBR9/46XBR9/52XBR9



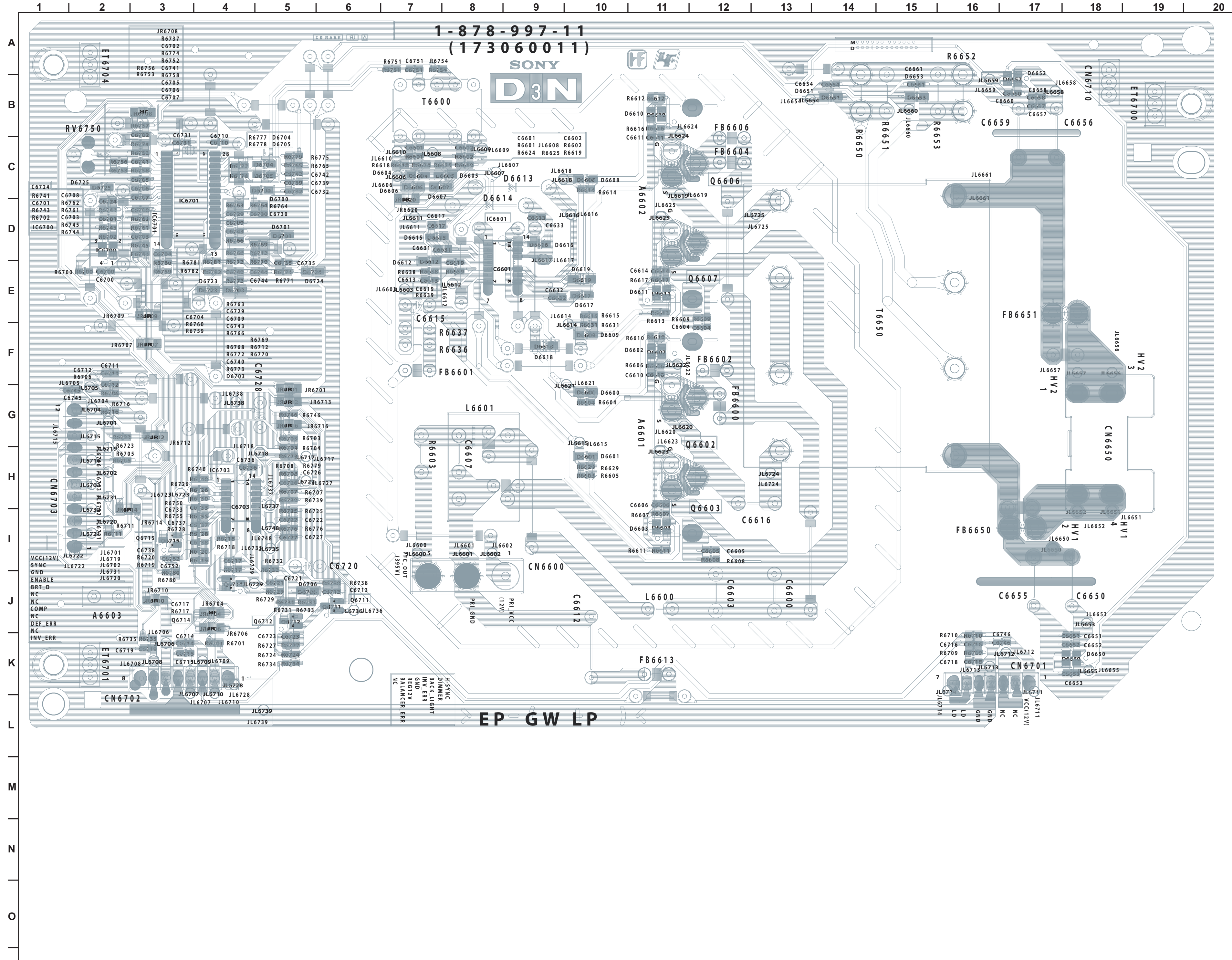




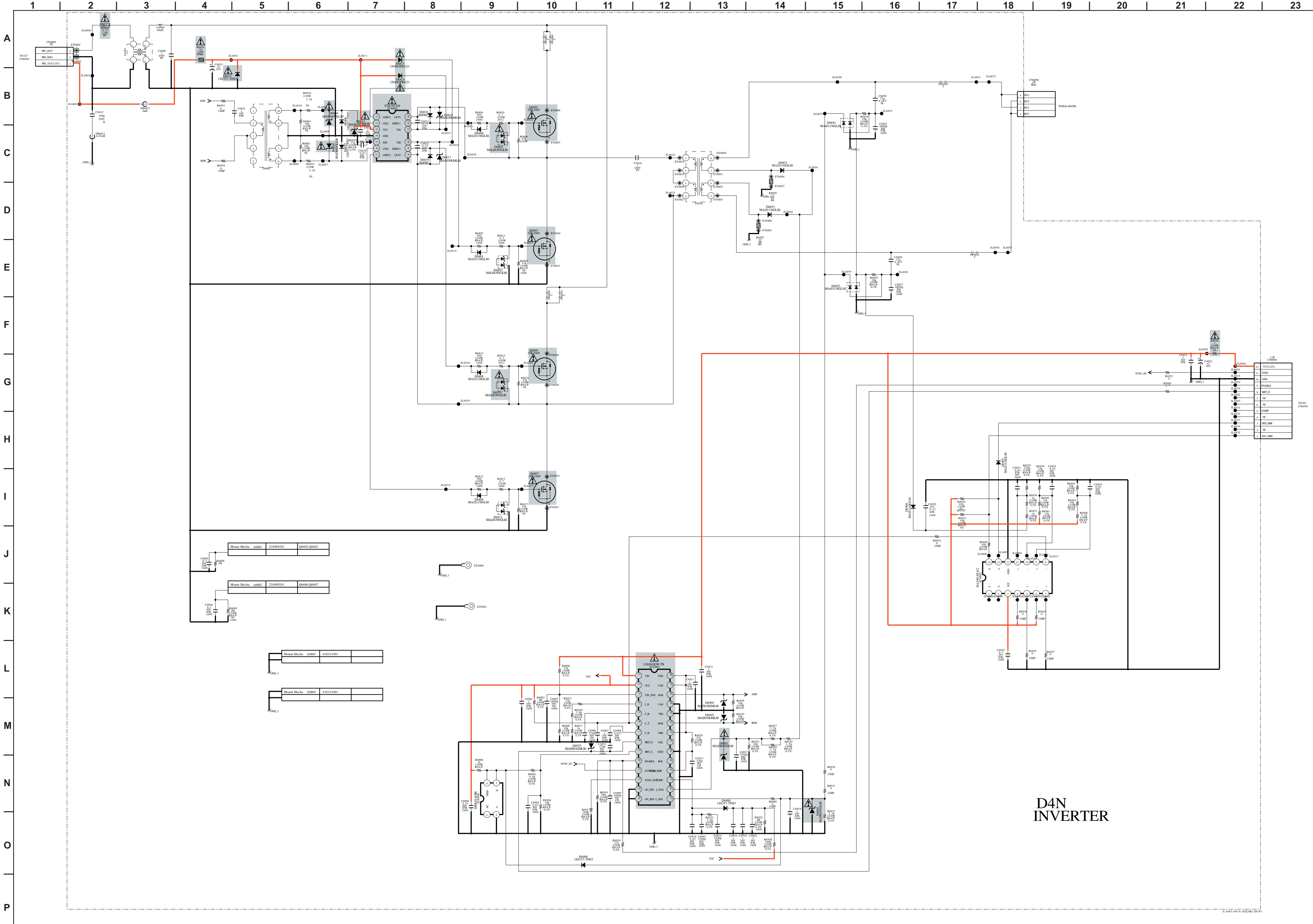


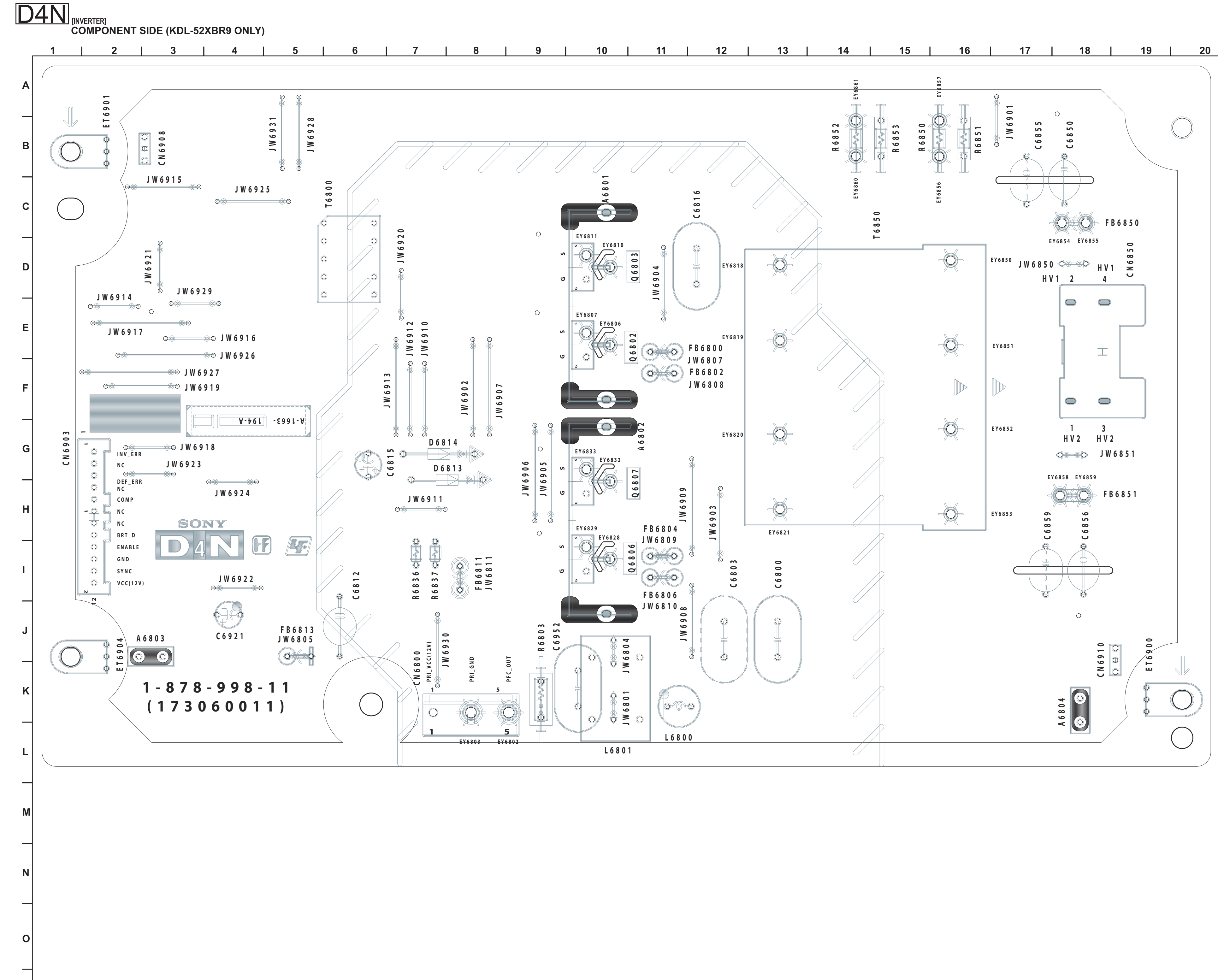


D3N [INVERTER]
CONDUCTOR SIDE(KDL-52XBR9 ONLY)



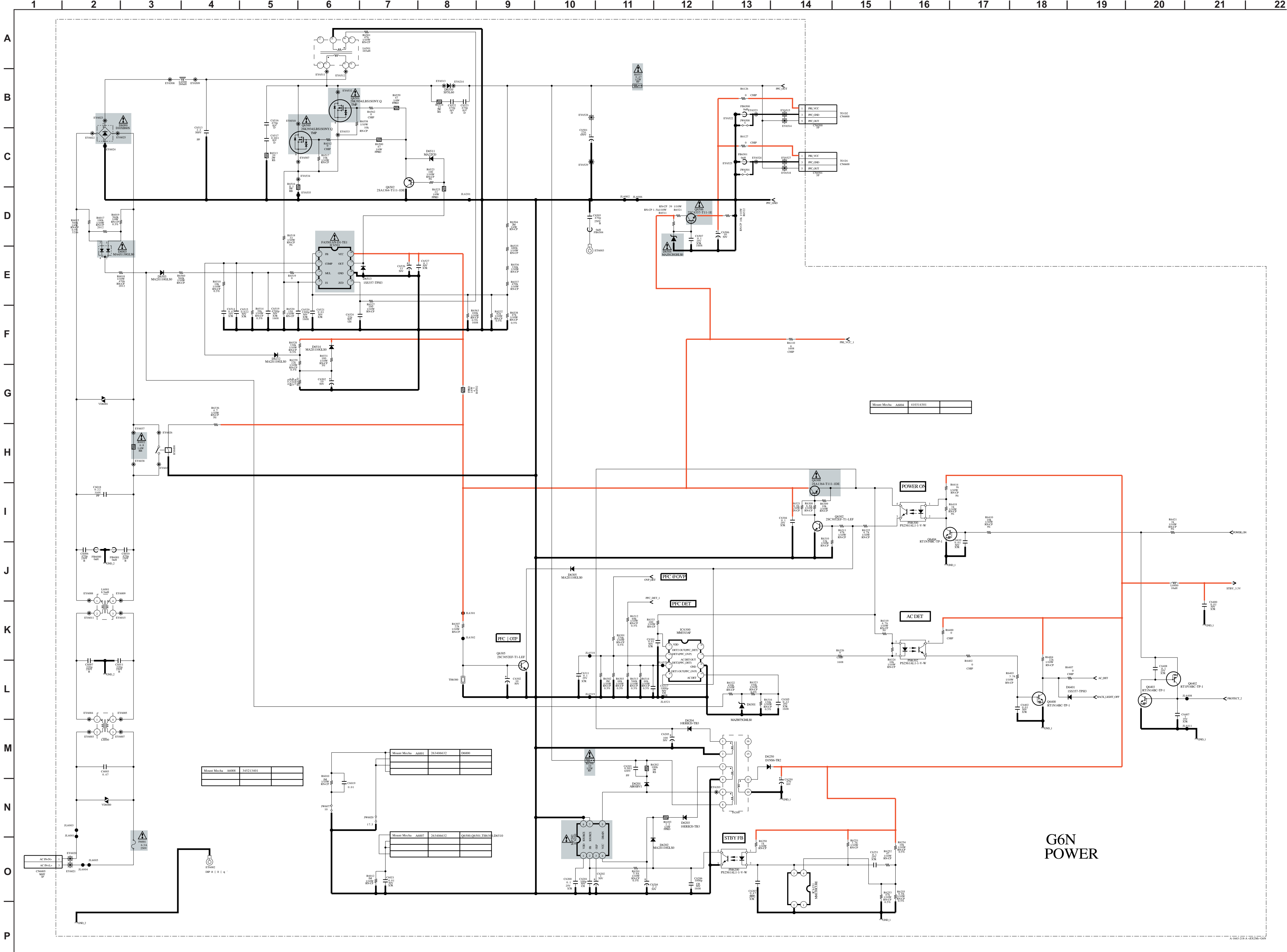
D4N BOARD SCHEMATIC DIAGRAM (KDL-52XBR9 ONLY)



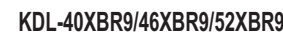


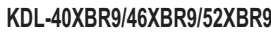


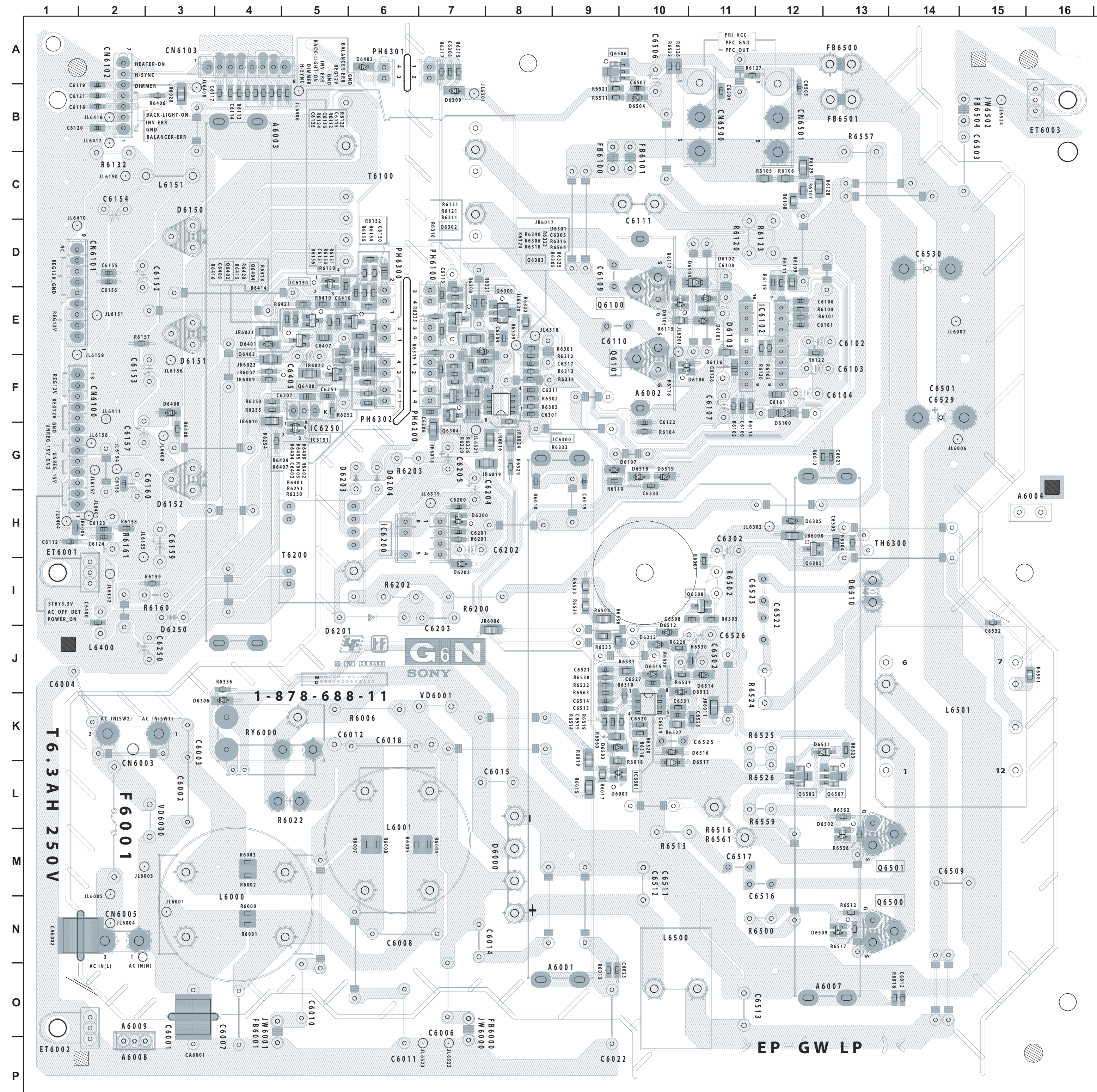
G6N BOARD SCHEMATIC DIAGRAM (1 OF 2) (KDL-40XBR9 ONLY)



KDL-40XBR9/46XBR9/52XBR9



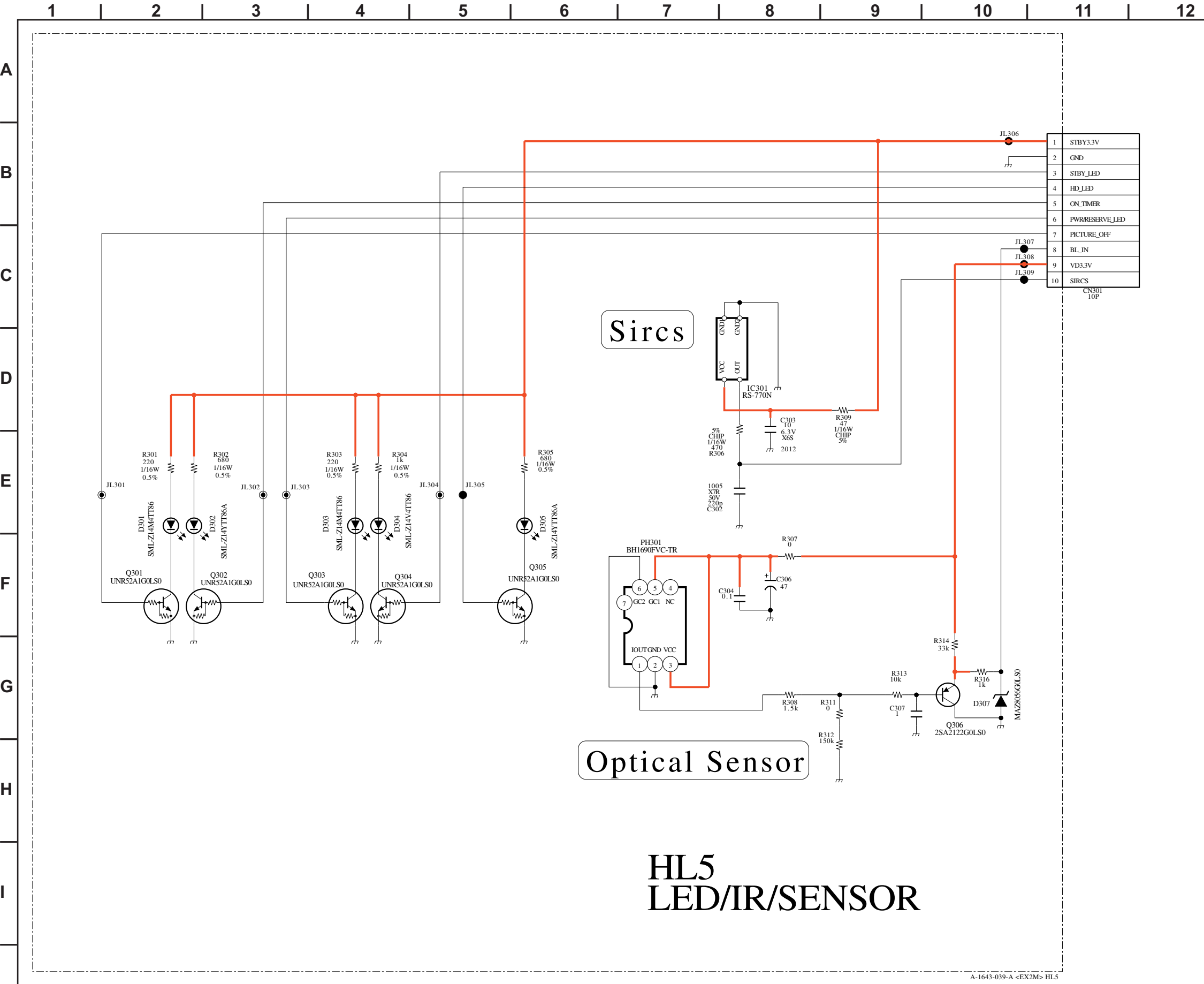




G7N BOARD SCHEMATIC DIAGRAM (KDL-46XBR9/52XBR9 ONLY)

The schematics and PWB diagrams for this board are not available.

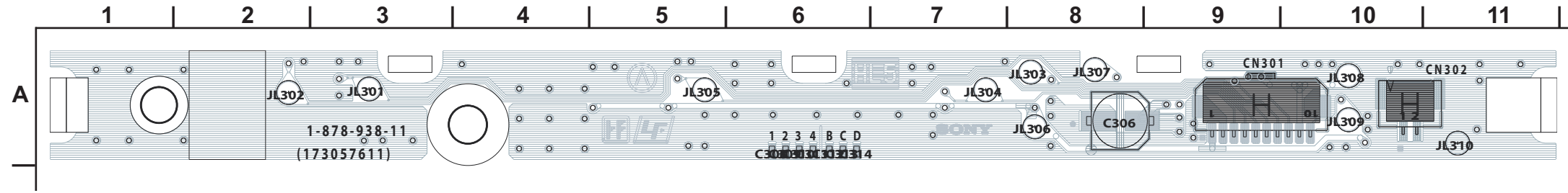
HL5 BOARD SCHEMATIC DIAGRAM



HL5

[LED, IR, SENSOR]

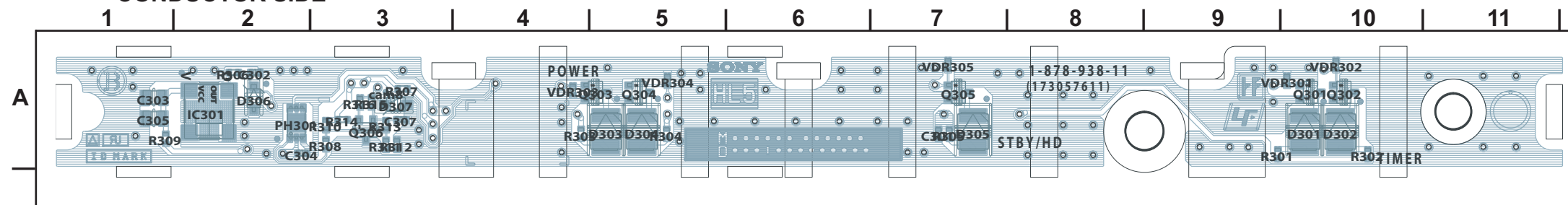
COMPONENT SIDE



HL5

[LED, IR, SENSOR]

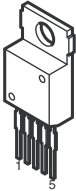
CONDUCTOR SIDE



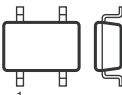
3-6. SEMICONDUCTORS

IC

BA00AST-V5

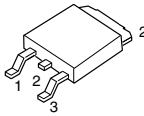


BA05FP-E2
BA09FP-E2
S-1111B33MC-NYSTFG
S-80928CNMC-G8YT2G
TC7SZ125FU(TE85R)

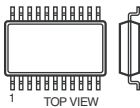


5Pin CHIP

BA18BC0FP-E2
BA25BC0FP-E2

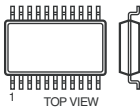


BR24L02F-WE2
CS4335-KSZR
FA5501N-TE1
LM75CIMX-3
M24128-BWMN6T(A)
M24C02-WMN6T(B)
NJM2521V(TE2)
NJM3414AV(TE2)
RC4558DR
RC4558PWR



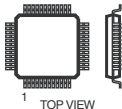
8Pin SOP

CD4052BNSR
FMS6418AM16X



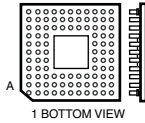
16Pin SOP

CXA2188Q-T4



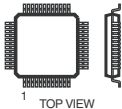
40Pin QFP

EM6A9320BI-5MG



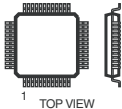
144Pin PGA

HD6433692A39FXV
HD64F3694FXV-DA4
TPA3004D2PHPR



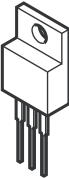
48Pin QFP

HD64F2378-12681-01

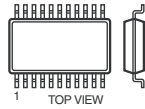


144Pin QFP

L88M05T-FA-TL



M52347FP-TE

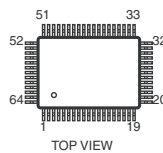


20Pin SOP

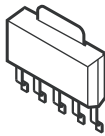
MM1431ATT



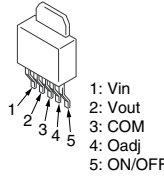
NJW1149AFH1



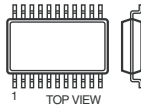
PQ1CY1032ZP



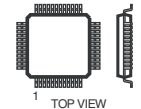
PQ1CZ41H2ZPH



RV5C387A-E2-FB

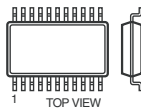


SIH9993CTG100



100Pin QFP

SN74LV132APWR
SN74LVC14APWR



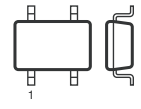
14Pin SOP

STR-A6169



8Pin DIP

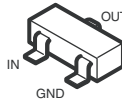
TK11819MTL



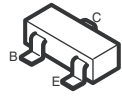
6Pin CHIP

TRANSISTOR

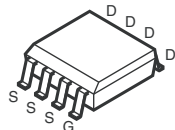
DTC114EU
DTC114EUAFT106



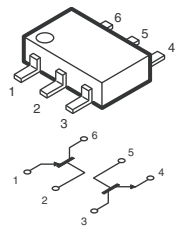
DTC114EUA-T106
DTC115EUA-T106
DTC144WKA-T146
DTC314TK-T-146
DTC323TK
DTC323TKT146
MUN2211T1
MUN2212T1
MUN5213T1
PDTC114EK-115
UN2211
2PA1576R-115
2PC4081R-115
2PD601AR-115
2SA1037AK-T146-QR
2SA1037AK-T146-R
2SA1576A-T106-QR
2SA1774R
2SA1774TL-QR
2SC1623-L5L6
2SC2412K-T-146-QR
2SC4081-R
2SC4081T106R
2SC4617R
2SC4617TL-QR
2SD2114K
2SD601A-Q-TX



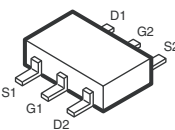
FDS6690A



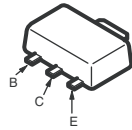
HN1B01FU-TE85R



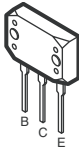
SSM6N15FU(TE85R)



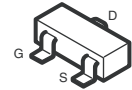
2SB1122-S
2SB1122-ST-TD-E
2SD1621-ST
2SD1621ST-TD-E



2SD2114KT146

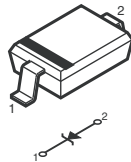


2SK2158-T2B

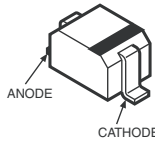


DIODE

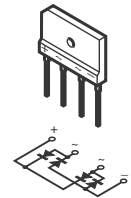
BAS316-115
EP05FA20
MM3Z10VT1
MM3Z11VT1
MM3Z13VT1
MM3Z18VST1
MM3Z22VT1
MM3Z2V4T1
MM3Z5V6ST1
MM3Z6V2ST1
MM3Z6V8ST1
MM3Z8V2ST1



BAT54HT1
DTZ10B
HZU5.6GTRF
MA113-(TX)
MMDL914T1
RD5.6SB-T1
UDZ-TE-17-18B
UDZ-TE-17-6.2B
UDZ-TE-17-6.8B



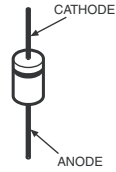
D10SBS4
D10SBS4F
D2SB60A-F04
D4SB60L



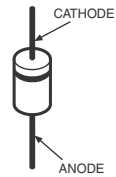
D10SC6M



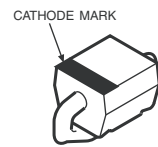
D1NL40-TA2
D1NL40-TR2
ERA22-08



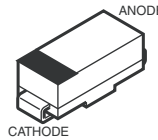
D1NS6
D1NS6-TR
ERA22-06AVRBT
UF4005PKG23
10ERB20-TB3
1N5404TU



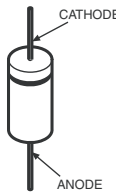
EC10QS-04
EC10QS04-TE12L5



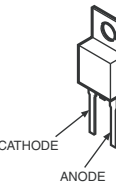
EC21QS03L-TE12L
P6SMBJ30A-5
PTZ-TE25-3.9B



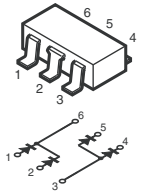
ERA22-08KFLB



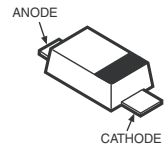
FSF05A60



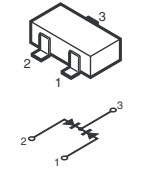
HN1D03FU-TE85L
HN1D03FU-TE85R



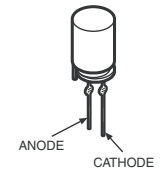
M1FM3



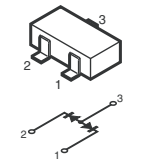
MA132WK
MA132WK-TX
MA151WK-TX
1SS184



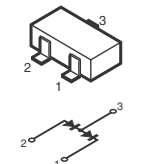
UDZSTE-1710B



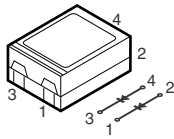
UMZ16NT106



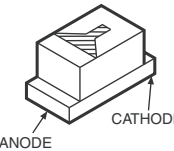
1PS302



SML-020MVT-T86



SML-310LTT86



SECTION 4: EXPLODED VIEWS

Components not identified by a part number or description are not stocked because they are seldom required for routine service.

The component parts of an assembly are indicated by the reference numbers in the far right column of the parts list and within the dotted lines of the diagram.

* Items marked with an asterisk are not stocked since they are seldom required for routine service. Expect some delay when ordering these components.

NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

NOTE: The components identified by a red outline and a  mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced. See Appendix A: Encryption Key Components in the back of this manual.

4-1. REAR COVER ASSEMBLY AND TABLE-TOP STAND ASSEMBLY

(Check the [Sony Electronics Service Information](#) website for any additional service related issues for this model.)

- 2-580-640-01

SCREW, +BVTP2 4X16
- 7-685-648-79

SCREW +BVTP 3X12 TYPE2 IT-3
- ▼

2-580-608-01

SCREW, +PSW M5X16
- ▽

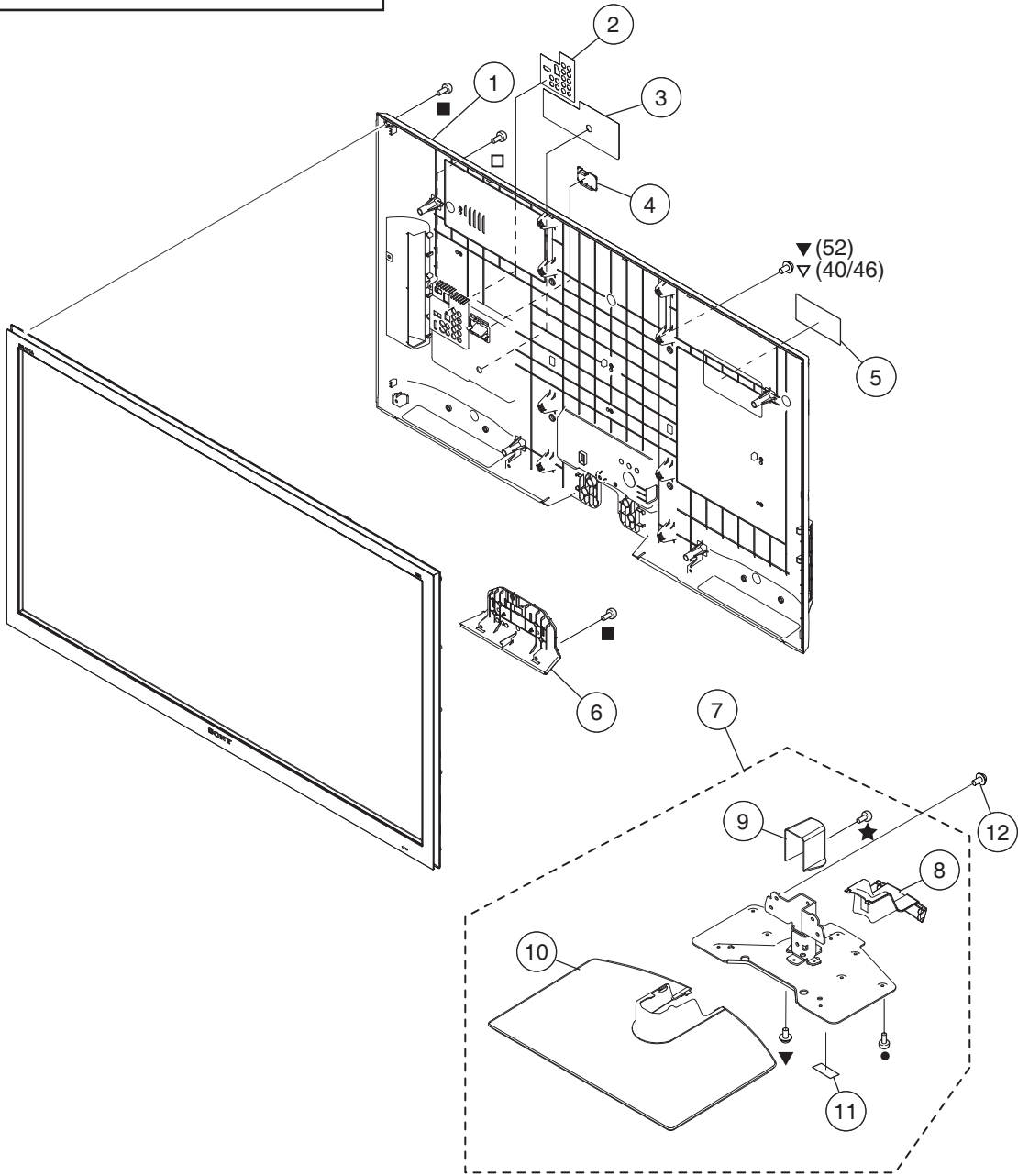
2-580-607-01

SCREW, +PSW M5X12
- 2-580-639-01

SCREW, +BVTP2 4X12
- ★

2-580-629-01

SCREW, +BVST 3X8



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
1	4-125-314-01	REAR COVER(40) (KDL-40XBR9 ONLY)		7	A-1727-614-A	TABLE-TOP STAND ASSEMBLY (ML5) (KDL-40XBR9 ONLY)	[8-11]
1	4-125-313-01	COVER, REAR (46) (KDL-46XBR9 ONLY)		7	A-1727-615-A	TABLE-TOP STAND ASSEMBLY (L5A) (KDL-46XBR9 ONLY)	[8-11]
1	4-125-312-01	COVER, REAR (52) (KDL-52XBR9 ONLY)		7	A-1727-616-A	TABLE-TOP STAND ASSEMBLY (LL5A) (KDL-52XBR9 ONLY)	[8-11]
2	4-133-443-12	LABEL, REAR TERMINAL (M)		8	4-131-864-01	COVER, USER (ML3) (KDL-40XBR9 ONLY)	
3	4-133-444-11	LABEL, TU (S)		8	4-131-870-01	COVER, USER (L3A) (KDL-46XBR9 ONLY)	
4	3-297-324-01	COVER, ECS		8	4-131-875-01	COVER, USER (LL3A) (KDL-52XBR9 ONLY)	
* 5	4-134-122-01	LABEL, INFORMATION (KDL-40XBR9 ONLY)		9	4-131-865-01	COVER, EDGE (ML) (KDL-40XBR9/46XBR9 ONLY)	
* 5	4-134-123-01	LABEL, INFORMATION (KDL-46XBR9 ONLY)		9	4-131-876-01	COVER, EDGE (LL) (KDL-52XBR9 ONLY)	
* 5	4-134-124-01	LABEL, INFORMATION (KDL-52XBR9 ONLY)		10	X-2345-638-1	COVER ASSEMBLY, STAND (ML5) (KDL-40XBR9 ONLY)	
6	4-132-481-01	UNDER COVER(40/46) (KDL-40XBR9/46XBR9 ONLY)		10	X-2345-639-1	COVER ASSEMBLY, STAND (L5A) (KDL-46XBR9 ONLY)	
6	4-128-562-01	UNDER COVER(52) (KDL-52XBR9 ONLY)		10	X-2345-640-1	COVER ASSEMBLY, STAND (LL5A) (KDL-52XBR9 ONLY)	
				11	3-295-631-01	FOOT (15X20)	
				12	2-580-607-01	SCREW, +PSW M5X12 (SCREWS TO ATTACH TABLE-TOP STAND TO TV)	

For product protection and safety reasons, Sony strongly recommends that you use the screws provided with the TV.

CAUTION: These screws cannot be used to secure the TV to Wall Mount Brackets.

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

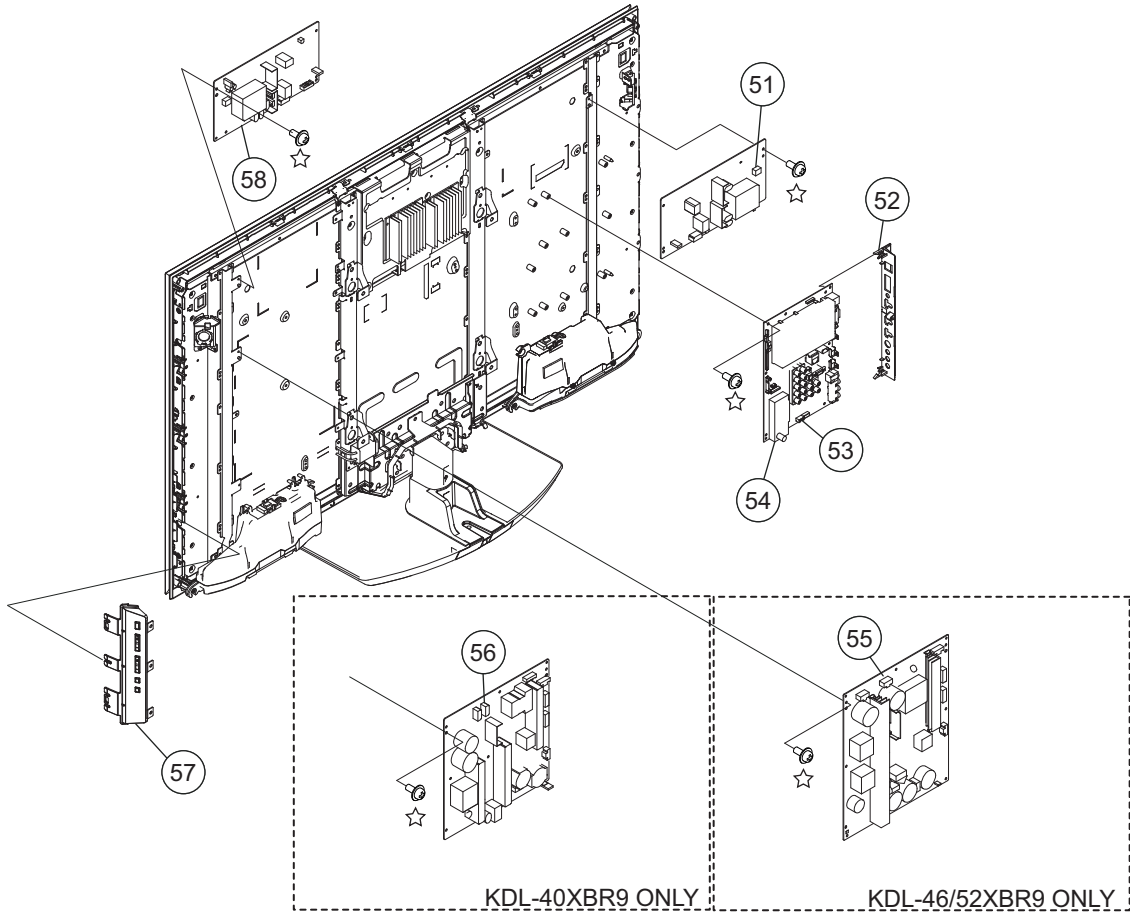
NOTE: Les composants identifiés par un trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced. See Appendix A: Encryption Key Components in the back of this manual.

4-2. CHASSIS

(Check the [Sony Electronics Service Information](#) website for any additional service related issues for this model.)

☆	2-580-593-01	SCREW, +PSW M3X8
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REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
51	A-1663-188-B	D2N-40 BOARD, COMPLETE (KDL-40XBR9 ONLY)		55	1-487-341-11	G7N BOARD, COMPLETE (POWER UNIT) (KDL-46XBR9/52XBR9 ONLY)	
51	A-1663-190-B	D2N-46 BOARD, COMPLETE (KDL-46XBR9 ONLY)		56	A-1663-218-A	G6N BOARD, COMPLETE (KDL-40XBR9 ONLY)	
51	A-1663-194-A	D4N BOARD, COMPLETE (KDL-52XBR9 ONLY)		57	1-487-319-11	SWITCH UNIT	
52	4-132-467-01	BRACKET, SIDE JACK		58	A-1663-184-B	D1N-40 BOARD, COMPLETE (KDL-40XBR9 ONLY)	
🔒 53	A-1728-743-A	BU BOARD, COMPLETE (KDL-40XBR9 ONLY)		58	A-1663-186-B	D1N-46 BOARD, COMPLETE (KDL-46XBR9 ONLY)	
🔒 53	A-1728-744-A	BU BOARD, COMPLETE (KDL-46XBR9 ONLY)		58	A-1663-192-A	D3N BOARD, COMPLETE (KDL-52XBR9 ONLY)	
🔒 53	A-1728-745-A	BU BOARD, COMPLETE (KDL-52XBR9 ONLY)					
NOTE: Please refer to section 2-4. Setting the Destination after Replacing the BU Board when replacing the BU Board.							
54	8-597-686-00	TUNER, FSS-BTF-CA431T					

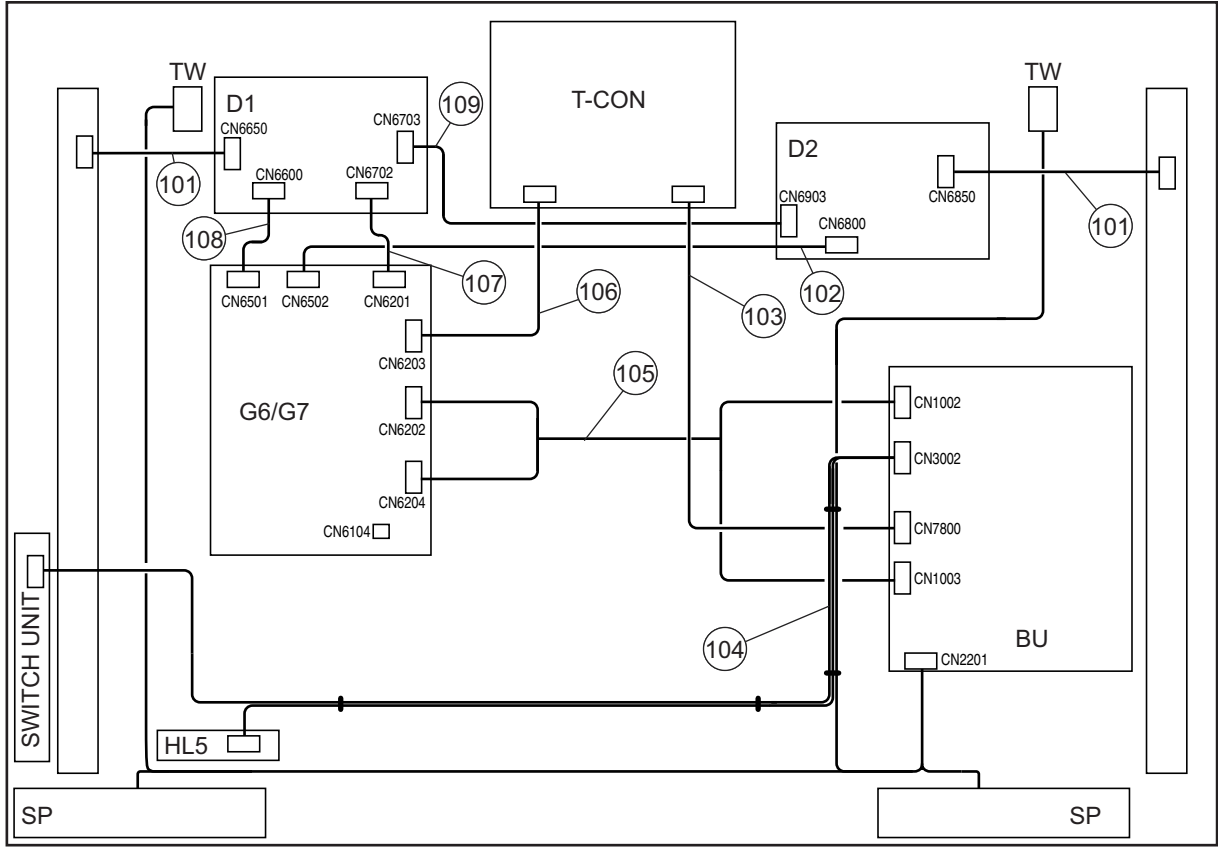
NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a  mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced. See Appendix A: Encryption Key Components in the back of this manual.

4-3. CONNECTORS (KDL-40/46XBR9 ONLY)

(Check the [Sony Electronics Service Information](#) website for any additional service related issues for this model.)



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
101	1-836-474-11	CONNECTOR ASSEMBLY (KDL-40XBR9 ONLY)		106	1-910-054-35	CONNECTOR ASSEMBLY, 9P (KDL-40XBR9/46XBR9 ONLY)	
101	1-836-473-11	CONNECTOR ASSEMBLY (KDL-46XBR9 ONLY)		107	1-910-054-38	CONNECTOR ASSEMBLY, 8P (KDL-40XBR9/46XBR9 ONLY)	
102	1-836-743-11	CONNECTOR ASSEMBLY (KDL-40XBR9/46XBR9 ONLY)		108	1-836-742-11	CONNECTOR ASSEMBLY (KDL-40XBR9 ONLY)	
103	1-836-555-11	(LVDS) FLEXIBLE FLAT CABLE 51P (KDL-40XBR9 ONLY)		108	1-836-741-11	CONNECTOR ASSEMBLY (KDL-46XBR9 ONLY)	
103	1-836-556-11	(LVDS) FLEXIBLE FLAT CABLE 51P (KDL-46XBR9 ONLY)		109	1-910-054-33	CONNECTOR ASSEMBLY, 12P (KDL-40XBR9/46XBR9 ONLY)	
104	1-910-054-29	HARNESS ASSEMBLY (KDL-40XBR9 ONLY)					
104	1-910-054-19	HARNESS ASSEMBLY (KDL-46XBR9 ONLY)					
105	1-910-054-36	HARNESS ASSEMBLY (KDL-40XBR9 ONLY)					
105	1-910-054-25	HARNESS ASSEMBLY (KDL-46XBR9 ONLY)					

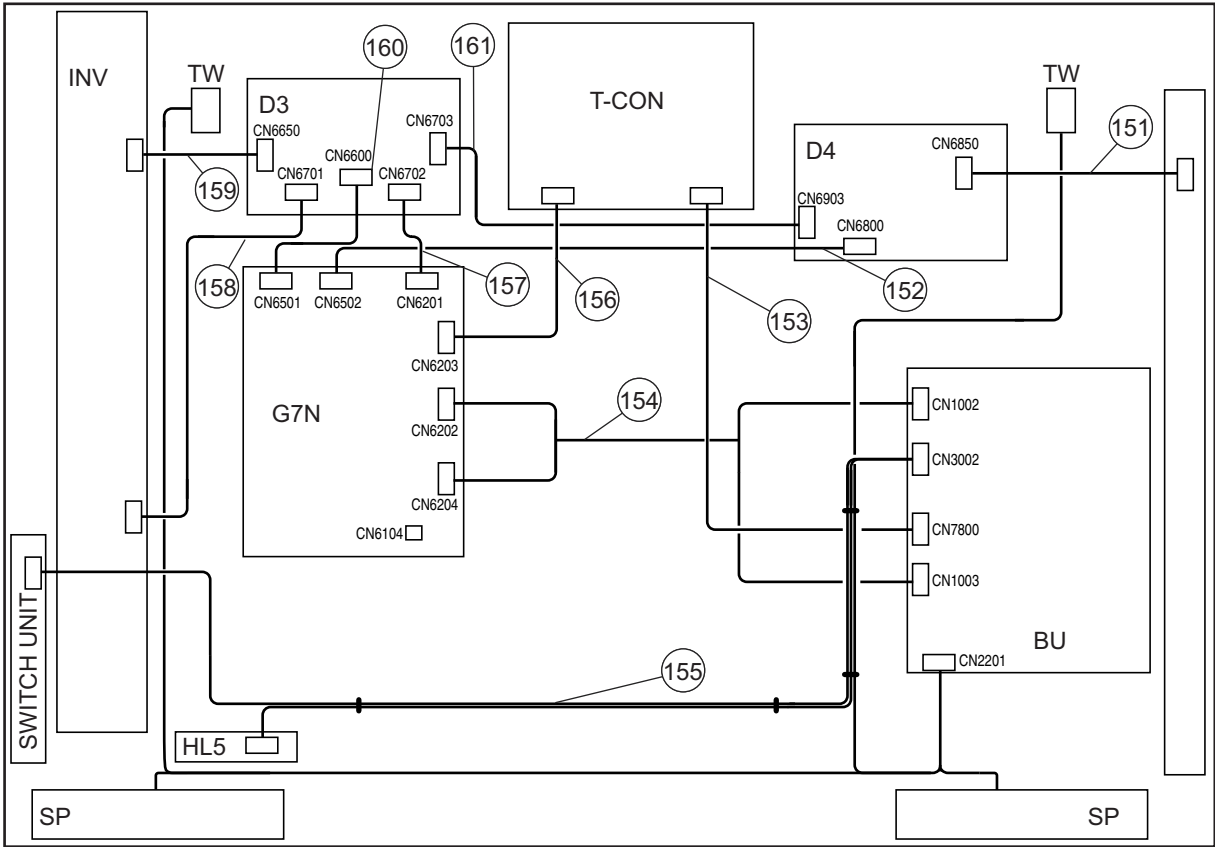
NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a  mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced. See Appendix A: Encryption Key Components in the back of this manual.

4-4. CONNECTORS (KDL-52XBR9 ONLY)

(Check the [Sony Electronics Service Information](#) website for any additional service related issues for this model.)



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
151	1-836-472-21	CONNECTOR ASSEMBLY		156	1-910-054-35	CONNECTOR ASSEMBLY, 9P	
152	1-836-743-11	CONNECTOR ASSEMBLY		157	1-910-054-38	CONNECTOR ASSEMBLY, 8P	
153	1-836-557-11	(LVDS) FLEXIBLE FLAT CABLE 51P		158	1-910-054-45	CONNECTOR ASSEMBLY, 7P	
154	1-910-054-48	HARNESS ASSEMBLY		159	1-836-421-21	CONNECTOR ASSEMBLY, MDF61	
155	1-910-054-41	HARNESS ASSEMBLY		160	1-836-741-11	CONNECTOR ASSEMBLY	
				161	1-910-054-33	CONNECTOR ASSEMBLY, 12P	

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced. See Appendix A: Encryption Key Components in the back of this manual.

4-5. BEZEL ASSEMBLY AND LCD PANEL

(Check the [Sony Electronics Service Information](#) website for any additional service related issues for this model.)

- 2-580-640-01

SCREW, +BVTP2 4X16
- 7-685-648-79

SCREW +BVTP 3X12 TYPE2 IT-3
- ▽

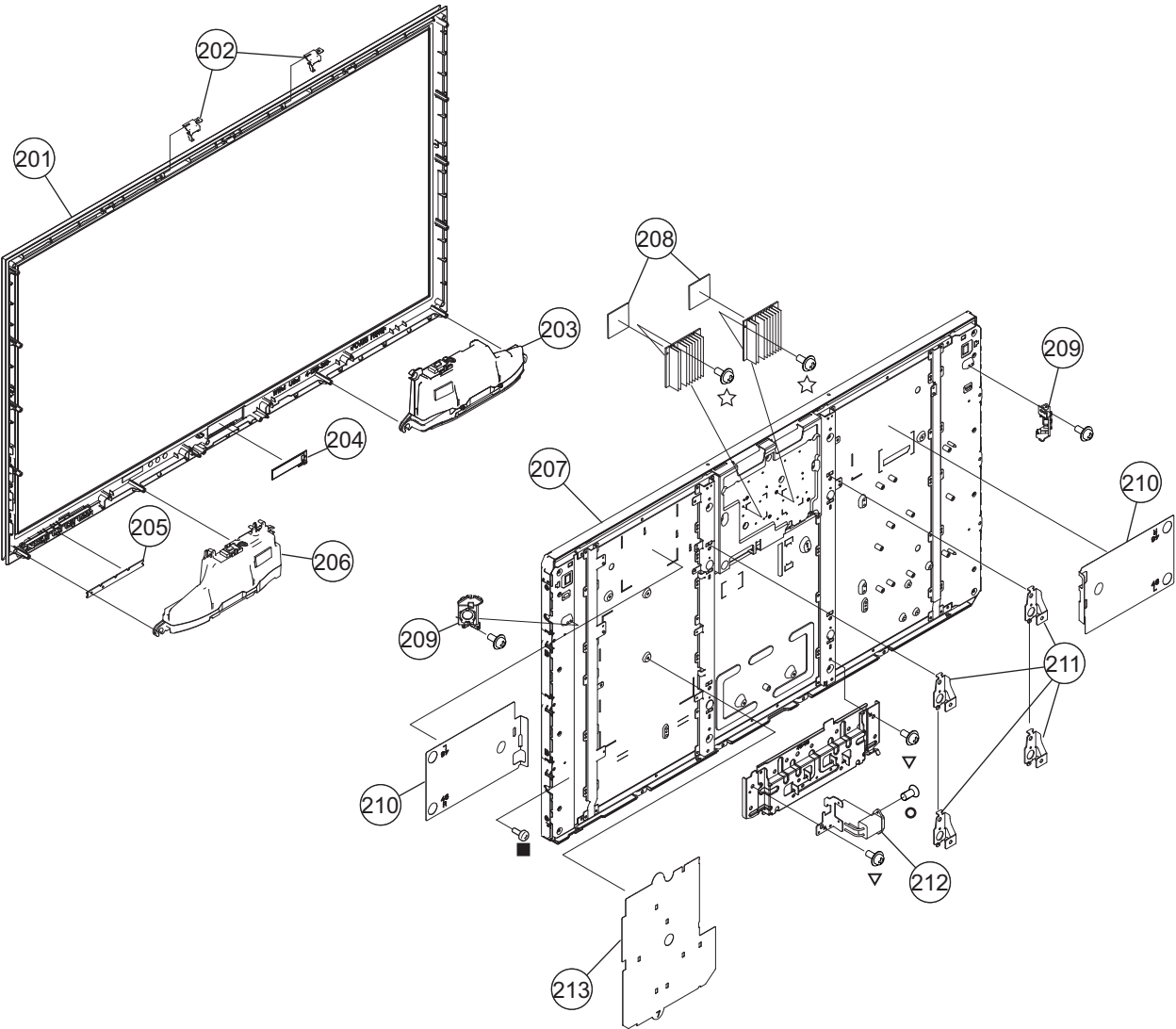
2-580-607-01

SCREW, +PSW M5X12
- ☆

2-580-593-01

SCREW, +PSW M3X8
- 2-596-649-01

+KTT 3X10 (S TYPE)



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
201	X-2342-908-1	CABINET ASSEMBLY (40)		208	4-122-605-01	SHEET, RADIATION (TCON SLIM)	
		(KDL-40XBR9 ONLY)				(MUST BE REPLACED WHEN REPLACING THE LCD PANEL)	
201	X-2342-907-1	CABINET ASSEMBLY (46)		209	1-858-224-11	TWEETER	
		(KDL-46XBR9 ONLY)					
201	X-2342-906-1	CABINET ASSEMBLY (52)		210	4-122-615-01	SHEET, INSULATING (40D)	
		(KDL-52XBR9 ONLY)				(KDL-40XBR9 ONLY)	
						(MUST BE REPLACED WHEN REPLACING THE LCD PANEL)	
*	202	4-132-480-01	STAY, TOP	210	4-122-616-01	SHEET, INSULATING (46D)	
203	1-858-222-12	LOUDSPEAKER (4.5X12CM)				(KDL-46XBR9 ONLY)	
204	1-487-239-11	ILLUMINATION MODULE				(MUST BE REPLACED WHEN REPLACING THE LCD PANEL)	
205	A-1643-039-A	HL5 BOARD, MOUNTED		210	4-122-612-01	SHEET, INSULATING (52D)	
206	1-858-222-22	LOUDSPEAKER (4.5X12CM)				(KDL-52XBR9 ONLY)	
						(MUST BE REPLACED WHEN REPLACING THE LCD PANEL)	
👉 207	N/A	LCD PANEL (40INCH FHD 3TFT)		*	211	4-132-476-01	BRACKET, VESA
		(KDL-40XBR9 ONLY)		⚠ 212	1-822-615-11	AC INLET FILTER	
		FOR ALL LCD PANEL PART NUMBER INFORMATION					
		REFER TO THE LCD PANELS SERVICE MANUAL					
👉 207	N/A	LCD PANEL (46INCH FHD 3TFT)		213	4-122-614-01	SHEET, INSULATING (G6)	
		(KDL-46XBR9 ONLY)				(KDL-40XBR9 ONLY)	
		FOR ALL LCD PANEL PART NUMBER INFORMATION				(MUST BE REPLACED WHEN REPLACING THE LCD PANEL)	
		REFER TO THE LCD PANELS SERVICE MANUAL		213	4-122-611-01	SHEET, INSULATING (G7)	
👉 207	N/A	LCD PANEL (52INCH FHD 3TFT)				(KDL-46XBR9/52XBR9 ONLY)	
		(KDL-52XBR9 ONLY)				(MUST BE REPLACED WHEN REPLACING THE LCD PANEL)	
		FOR ALL LCD PANEL PART NUMBER INFORMATION					
		REFER TO THE LCD PANELS SERVICE MANUAL					

NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

NOTE: The components identified by a red outline and a  mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced. See Appendix A: Encryption Key Components in the back of this manual.

4-6. SCREW LEGEND

(Check the [Sony Electronics Service Information](#) website for any additional service related issues for this model.)

KDL-40XBR9

P/N	DESCRIPTION	REMARKS	TOTAL
■ 2-580-640-01	SCREW, +BVTP2 4X16	UC-2 PNL-3 RC8	13
□ 7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3	RC-2	2
▼ 2-580-608-01	SCREW, +PSW M5X16	STD NECK-4 TABLE-TOP STAND-4 BTM FRAME-1 AC BRACKET-1 RC-7	17
▽ 2-580-607-01	SCREW, +PSW M5X12	(none)	0
● 2-580-639-01	SCREW, +BVTP2 4X12	BASE PLT-7	7
☆ 2-580-593-01	SCREW, +PSW M3X8	G6-4 BU-8 D1-2 D2-2 TWEETER-2 HEAT SINK-4	22
★ 2-580-629-01	SCREW, +BVST 3X8	EDGE COVER-1	1
○ 2-596-649-01	+KTT 3X10 (S TYPE)	AC INLET-1	1

KDL-46XBR9

P/N	DESCRIPTION	REMARKS	TOTAL
■ 2-580-640-01	SCREW, +BVTP2 4X16	UC-2 PNL-5 RC8	15
□ 7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3	RC-2	2
▼ 2-580-608-01	SCREW, +PSW M5X16	STD NECK-4 TABLE-TOP STAND-4 BTM FRAME-1 AC BRACKET-1 RC-7	17
▽ 2-580-607-01	SCREW, +PSW M5X12	(none)	0
● 2-580-639-01	SCREW, +BVTP2 4X12	BASE PLT-7	7
☆ 2-580-593-01	SCREW, +PSW M3X8	G7-4 BU-8 D1-2 D2-2 TWEETER-2 HEAT SINK-4	22
★ 2-580-629-01	SCREW, +BVST 3X8	EDGE COVER-1	1
○ 2-596-649-01	+KTT 3X10 (S TYPE)	AC INLET-1	1

KDL-52XBR9

P/N	DESCRIPTION	REMARKS	TOTAL
■ 2-580-640-01	SCREW, +BVTP2 4X16	UC-2 PNL-7 RC14	23
□ 7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3	RC-2	2
▼ 2-580-608-01	SCREW, +PSW M5X16	STD NECK-4 TABLE-TOP STAND-4 RC-7	15
▽ 2-580-607-01	SCREW, +PSW M5X12	BTM FRAME-3 AC BRKT-1	4
● 2-580-639-01	SCREW, +BVTP2 4X12	BASE PLT-9	9
☆ 2-580-593-01	SCREW, +PSW M3X8	G7-4 BU-8 D3-2 D4-2 TWEETER-2 HEAT SINK-4	22
★ 2-580-629-01	SCREW, +BVST 3X8	EDGE COVER-1	1
○ 2-596-649-01	+KTT 3X10 (S TYPE)	AC INLET-1	1

SECTION 5: ELECTRICAL PARTS LIST

NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Items marked with an asterisk are not stocked since they are seldom required for routine service. Expect some delay when ordering these components.

NOTE: The components identified by a red outline and a  mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

RESISTORS

- All resistors are in ohms
- F : nonflammable
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

BU

When ordering parts by reference number, please include the board name.

BU

		A-1728-743-A	BU BOARD, COMPLETE (KDL-40XBR9 ONLY)
		A-1728-744-A	BU BOARD, COMPLETE (KDL-46XBR9 ONLY)
		A-1728-745-A	BU BOARD, COMPLETE (KDL-52XBR9 ONLY)

(NOTE: Please refer to section 2-4. Setting the Destination after Replacing the BU Board when replacing the BU Board.)

CAPACITOR

C1024	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C1025	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C1026	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C1027	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C1033	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C1034	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C1038	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C1044	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C1045	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C1051	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C1052	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C1054	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C1055	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C1067	1-114-353-11	CAP, CERAMIC	0.01MF X7R (1410)		
C1070	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C1074	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C1077	1-114-331-11	CERAMIC CHIP	4.7μF	10%	10V
C1081	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2001	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2007	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V

REF. NO.	PART NO.	DESCRIPTION	VALUES
C2008	1-135-366-11	ELECT CHIP	100μF 20% 16V
C2009	1-114-354-11	CAP, CERAMIC	0.1MF X7R (1410)
C2010	1-114-354-11	CAP, CERAMIC	0.1MF X7R (1410)
C2011	1-114-331-11	CERAMIC CHIP	4.7μF 10% 10V
C2012	1-100-916-11	CERAMIC CHIP	0.1μF 10% 16V
C2013	1-135-366-11	ELECT CHIP	100μF 20% 16V
C2014	1-114-331-11	CERAMIC CHIP	4.7μF 10% 10V
C2016	1-100-916-11	CERAMIC CHIP	0.1μF 10% 16V
C2020	1-114-354-11	CAP, CERAMIC	0.1MF X7R (1410)
C2021	1-100-916-11	CERAMIC CHIP	0.1μF 10% 16V
C2023	1-100-916-11	CERAMIC CHIP	0.1μF 10% 16V
C2025	1-112-781-11	CERAMIC CHIP	1μF 10% 10V
C2026	1-114-520-11	CAP, CERAMIC	1MF X6S (1410)
C2027	1-100-916-11	CERAMIC CHIP	0.1μF 10% 16V
C2029	1-114-354-11	CAP, CERAMIC	0.1MF X7R (1410)
C2030	1-114-331-11	CERAMIC CHIP	4.7μF 10% 10V
C2031	1-100-916-11	CERAMIC CHIP	0.1μF 10% 16V
C2032	1-114-331-11	CERAMIC CHIP	4.7μF 10% 10V
C2033	1-100-916-11	CERAMIC CHIP	0.1μF 10% 16V
C2034	1-135-366-11	ELECT CHIP	100μF 20% 16V
C2035	1-100-916-11	CERAMIC CHIP	0.1μF 10% 16V
C2036	1-114-331-11	CERAMIC CHIP	4.7μF 10% 10V
C2037	1-112-777-11	CERAMIC CHIP	0.01μF 10% 25V
C2038	1-100-916-11	CERAMIC CHIP	0.1μF 10% 16V
C2039	1-114-354-11	CAP, CERAMIC	0.1MF X7R (1410)
C2040	1-100-916-11	CERAMIC CHIP	0.1μF 10% 16V
C2041	1-112-777-11	CERAMIC CHIP	0.01μF 10% 25V
C2042	1-164-849-11	CERAMIC CHIP	9pF 0.50pF 50V
C2043	1-164-849-11	CERAMIC CHIP	9pF 0.50pF 50V
C2203	1-114-193-11	ELECT CHIP	470μF 20% 25V
C2204	1-114-193-11	ELECT CHIP	470μF 20% 25V
C2205	1-114-193-11	ELECT CHIP	470μF 20% 25V
C2206	1-114-325-11	CERAMIC CHIP	0.1μF 10% 25V
C2207	1-100-909-11	CERAMIC CHIP	10μF 10% 6.3V
C2208	1-114-325-11	CERAMIC CHIP	0.1μF 10% 25V



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C2209	1-114-326-11	CERAMIC CHIP	0.22μF	10%	25V	C3013	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2210	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C3015	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2211	1-114-326-11	CERAMIC CHIP	0.22μF	10%	25V	C3017	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2212	1-114-326-11	CERAMIC CHIP	0.22μF	10%	25V	C3018	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2213	1-114-326-11	CERAMIC CHIP	0.22μF	10%	25V	C3019	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2214	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C3020	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2215	1-114-326-11	CERAMIC CHIP	0.22μF	10%	25V	C3021	1-164-856-81	CERAMIC CHIP	18pF	5%	50V
C2216	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C3022	1-164-856-81	CERAMIC CHIP	18pF	5%	50V
C2217	1-114-334-11	CERAMIC CHIP	10μF	10%	25V	C3023	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2218	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C3024	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2220	1-114-814-11	CERAMIC CHIP	0.33μF	10%	25V	C3025	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2221	1-114-814-11	CERAMIC CHIP	0.33μF	10%	25V	C3026	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2222	1-114-814-11	CERAMIC CHIP	0.33μF	10%	25V	C3027	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2223	1-114-814-11	CERAMIC CHIP	0.33μF	10%	25V	C3028	1-164-850-11	CERAMIC CHIP	10pF	0.50pF	50V
C2224	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C3029	1-164-850-11	CERAMIC CHIP	10pF	0.50pF	50V
C2225	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C3030	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2226	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C3034	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2227	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C3038	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2301	1-114-331-11	CERAMIC CHIP	4.7μF	10%	10V	C3040	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C2302	1-114-331-11	CERAMIC CHIP	4.7μF	10%	10V	C3045	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2308	1-114-553-11	CERAMIC CHIP	10μF	10%	16V	C3046	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
C2311	1-114-520-11	CAP, CERAMIC	1MF X6S (1410)			C3047	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2312	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C3049	1-116-079-11	CERAMIC CHIP	10μF	10%	10V
C2314	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C3050	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2318	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C5003	1-114-331-11	CERAMIC CHIP	4.7μF	10%	10V
C2321	1-114-331-11	CERAMIC CHIP	4.7μF	10%	10V	C5012	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2324	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	C5013	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2325	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	C5014	1-114-331-11	CERAMIC CHIP	4.7μF	10%	10V
C2326	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	C5015	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2327	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	C5016	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2328	1-114-813-11	CERAMIC CHIP	1μF	10%	16V	C5017	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2329	1-114-813-11	CERAMIC CHIP	1μF	10%	16V	C5018	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2331	1-112-776-11	CERAMIC CHIP	0.0047μF	10%	50V	C5019	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2332	1-112-776-11	CERAMIC CHIP	0.0047μF	10%	50V	C5020	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2346	1-116-079-11	CERAMIC CHIP	10μF	10%	10V	C5021	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2347	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C5023	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3000	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C5024	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3003	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	C5025	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3004	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5026	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3007	1-114-332-11	CERAMIC CHIP	22μF	10%	6.3V	C5027	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3008	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5029	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3009	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5033	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3010	1-114-332-11	CERAMIC CHIP	22μF	10%	6.3V	C5042	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C3011	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5101	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
C3012	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5102	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C5103	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7053	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
C5104	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C7054	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C5105	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C7055	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7000	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C7056	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
C7003	1-100-767-21	ELECT CHIP	220μF	20%	16V	C7057	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
C7006	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V	C7058	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C7007	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C7059	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C7009	1-114-183-11	ELECT CHIP	1000μF	20%	6.3V	C7060	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C7012	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C7061	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C7013	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7062	1-114-334-11	CERAMIC CHIP	10μF	10%	25V
C7014	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7063	1-114-334-11	CERAMIC CHIP	10μF	10%	25V
C7015	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C7068	1-114-334-11	CERAMIC CHIP	10μF	10%	25V
C7016	1-135-366-11	ELECT CHIP	100μF	20%	16V	C7069	1-114-334-11	CERAMIC CHIP	10μF	10%	25V
C7017	1-135-366-11	ELECT CHIP	100μF	20%	16V	C7070	1-114-334-11	CERAMIC CHIP	10μF	10%	25V
C7020	1-164-862-11	CERAMIC CHIP	33pF	5%	50V	C7071	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7021	1-164-862-11	CERAMIC CHIP	33pF	5%	50V	C7072	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7022	1-164-862-11	CERAMIC CHIP	33pF	5%	50V	C7073	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C7023	1-164-862-11	CERAMIC CHIP	33pF	5%	50V	C7074	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7024	1-112-778-11	CERAMIC CHIP	0.022μF	10%	25V	C7075	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7025	1-164-858-11	CERAMIC CHIP	22pF	5%	50V	C7076	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7026	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7077	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C7027	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C7078	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7028	1-114-320-11	CERAMIC CHIP	0.22μF	10%	6.3V	C7079	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7030	1-112-778-11	CERAMIC CHIP	0.022μF	10%	25V	C7080	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7031	1-164-858-11	CERAMIC CHIP	22pF	5%	50V	C7081	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7032	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7082	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7033	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C7083	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7034	1-114-320-11	CERAMIC CHIP	0.22μF	10%	6.3V	C7085	1-100-767-21	ELECT CHIP	220μF	20%	16V
C7036	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C7088	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7037	1-114-800-11	CERAMIC CHIP	0.0015μF	10%	50V	C7091	1-100-767-21	ELECT CHIP	220μF	20%	16V
C7038	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C7200	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C7039	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C7201	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C7040	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C7202	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C7041	1-164-882-11	CERAMIC CHIP	220pF	5%	16V	C7203	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C7042	1-164-882-11	CERAMIC CHIP	220pF	5%	16V	C7204	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C7043	1-164-882-11	CERAMIC CHIP	220pF	5%	16V	C7205	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7044	1-114-334-11	CERAMIC CHIP	10μF	10%	25V	C7206	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C7045	1-114-334-11	CERAMIC CHIP	10μF	10%	25V	C7207	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C7046	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	C7208	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C7047	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	C7209	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C7048	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	C7210	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7049	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7211	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C7050	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7212	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C7051	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	C7213	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C7052	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	C7214	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7215	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7277	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7216	1-114-532-21	ELECT CHIP	330μF	20%	4V	C7278	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7217	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7279	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7222	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7280	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7223	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7281	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7224	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7282	1-135-366-11	ELECT CHIP	100μF	20%	16V
C7225	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7283	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7226	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7284	1-112-778-11	CERAMIC CHIP	0.022μF	10%	25V
C7227	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7400	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7231	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7401	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7232	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7402	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C7233	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C7403	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7235	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7404	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7237	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7405	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C7239	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C7406	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7240	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7407	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7241	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7408	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7244	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7409	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7245	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7410	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7246	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7411	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C7248	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7412	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7249	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7413	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C7251	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7414	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7254	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7415	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C7255	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7416	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C7256	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7417	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C7257	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7418	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7258	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7419	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7260	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7420	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C7261	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7421	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C7262	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7422	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C7263	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7423	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7264	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7424	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C7265	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7425	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7266	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7426	1-114-332-11	CERAMIC CHIP	22μF	10%	6.3V
C7267	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7427	1-114-332-11	CERAMIC CHIP	22μF	10%	6.3V
C7268	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7428	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7269	1-164-854-11	CERAMIC CHIP	15pF	5%	50V	C7429	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7270	1-164-858-11	CERAMIC CHIP	22pF	5%	50V	C7430	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7271	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C7431	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7272	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7432	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7273	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7433	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7274	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7434	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7275	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7435	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7276	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7436	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7437	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7524	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C7438	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C7527	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7439	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7530	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C7440	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7532	1-114-331-11	CERAMIC CHIP	4.7μF	10%	10V
C7441	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C7537	1-112-778-11	CERAMIC CHIP	0.022μF	10%	25V
C7442	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7542	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C7443	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7543	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C7444	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C7544	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C7445	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7546	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C7446	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C7557	1-100-767-21	ELECT CHIP	220μF	20%	16V
C7447	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7559	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C7448	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7561	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C7449	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7564	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7450	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7567	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C7451	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7569	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C7452	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7570	1-135-366-11	ELECT CHIP	100μF	20%	16V
C7453	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7571	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7454	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7572	1-100-767-21	ELECT CHIP	220μF	20%	16V
C7455	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C7573	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C7456	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C7574	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C7457	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C7575	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7458	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C7576	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C7459	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C7577	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C7460	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C7579	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C7461	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C7580	1-114-331-11	CERAMIC CHIP	4.7μF	10%	10V
C7462	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C7581	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7463	1-114-332-11	CERAMIC CHIP	22μF	10%	6.3V	C7584	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7464	1-114-332-11	CERAMIC CHIP	22μF	10%	6.3V	C7585	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7467	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7586	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7468	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7588	1-164-866-11	CERAMIC CHIP	47pF	5%	50V
C7469	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7589	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C7470	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7590	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C7473	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7591	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C7476	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7600	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7500	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7601	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7502	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7602	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7511	1-164-866-11	CERAMIC CHIP	47pF	5%	50V	C7603	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7512	1-114-331-11	CERAMIC CHIP	4.7μF	10%	10V	C7604	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7513	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7605	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7514	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7606	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7517	1-135-366-11	ELECT CHIP	100μF	20%	16V	C7607	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C7518	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7608	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7519	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7609	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7521	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7610	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7523	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7611	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7612	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7663	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C7613	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7665	1-114-800-11	CERAMIC CHIP	0.0015μF	10%	50V
C7614	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7666	1-112-001-81	CERAMIC CHIP	270pF	5%	50V
C7615	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7667	1-114-183-11	ELECT CHIP	1000μF	20%	6.3V
C7616	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7668	1-114-806-11	CERAMIC CHIP	0.0082μF	10%	25V
C7617	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7669	1-112-001-81	CERAMIC CHIP	270pF	5%	50V
C7618	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7670	1-114-800-11	CERAMIC CHIP	0.0015μF	10%	50V
C7619	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7671	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C7620	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7672	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C7621	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7673	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C7622	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7676	1-100-769-21	ELECT CHIP	470μF	20%	16V
C7623	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7677	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C7624	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	C7678	1-135-366-11	ELECT CHIP	100μF	20%	16V
C7625	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7679	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C7626	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7680	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7628	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7681	1-114-331-11	CERAMIC CHIP	4.7μF	10%	10V
C7629	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7682	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C7630	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7684	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7631	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7685	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7632	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7688	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7633	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7692	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C7634	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7696	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7635	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7697	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7636	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7698	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C7637	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7699	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C7638	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7800	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C7639	1-114-331-11	CERAMIC CHIP	4.7μF	10%	10V	C7801	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7640	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7803	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C7641	1-114-320-11	CERAMIC CHIP	0.22μF	10%	6.3V	C7805	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7643	1-112-775-11	CERAMIC CHIP	0.0022μF	10%	50V	C7806	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V
C7644	1-112-776-11	CERAMIC CHIP	0.0047μF	10%	50V	C7818	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C7645	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C7819	1-164-872-11	CERAMIC CHIP	82pF	5%	50V
C7646	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7820	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7648	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V						
C7649	1-112-778-11	CERAMIC CHIP	0.022μF	10%	25V		CONNECTOR				
C7650	1-164-860-11	CERAMIC CHIP	27pF	5%	50V	CN1002	1-819-474-11	HEADER ASSEMBLY FOR PWB			
C7651	1-164-860-11	CERAMIC CHIP	27pF	5%	50V	CN1003	1-822-598-11	HEADER ASSEMBLY FOR PWB			
C7652	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	CN2201	1-819-460-11	HEADER ASSEMBLY FOR PWB			
C7653	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	50V	CN3001	1-779-936-51	CONNECTOR, FFC/FPC	18P		
C7654	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	50V	CN3002	1-820-162-11	HEADER ASSEMBLY	30P		
C7655	1-164-860-11	CERAMIC CHIP	27pF	5%	50V	* CN5001	1-822-482-11	HDMI CONNECTOR			
C7656	1-164-860-11	CERAMIC CHIP	27pF	5%	50V	* CN5002	1-822-484-11	HDMI CONNECTOR			
C7657	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	* CN5003	1-822-484-11	HDMI CONNECTOR			
C7658	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	* CN5004	1-822-484-11	HDMI CONNECTOR			
C7659	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	CN5101	1-822-541-11	D SUB CONNECTOR			

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REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
CN7501	1-822-653-11	PWB CONNECTOR, USB		FB7516	1-481-517-11	FERRITE	0μH
CN7507	1-819-866-11	CONNECTOR, USB (A)		FB7517	1-481-464-11	FERRITE	0μH
CN7800	1-822-583-11	HEADER ASSEMBLY FOR PWB		FB7600	1-400-834-11	FERRITE	0μH
DIODE				FB7601	1-400-834-11	FERRITE	0μH
D1001	6-501-717-01	DIODE	MAZ8039G0LS0	FB7603	1-400-834-11	FERRITE	0μH
D3006	6-502-318-01	DIODE	MA4J1130GLS0	FILTER			
D3007	6-502-318-01	DIODE	MA4J1130GLS0	FL5001	1-114-175-21	CERAMIC CHIP	1μF 20% 6.3V
D5005	6-502-150-01	DIODE	MA2SD320G8S0	FL5002	1-114-175-21	CERAMIC CHIP	1μF 20% 6.3V
D5101	6-502-318-01	DIODE	MA4J1130GLS0	FL5003	1-114-175-21	CERAMIC CHIP	1μF 20% 6.3V
D7002	6-501-657-01	DIODE	MA24D5000BS0	FL5004	1-114-175-21	CERAMIC CHIP	1μF 20% 6.3V
D7004	6-501-740-01	DIODE	MAZ8068G0LS0	FL7200	1-114-175-21	CERAMIC CHIP	1μF 20% 6.3V
 D7005	6-501-717-01	DIODE	MAZ8039G0LS0	FL7203	1-114-175-21	CERAMIC CHIP	1μF 20% 6.3V
D7006	6-501-817-01	DIODE	MA2J1110GLS0	FL7204	1-114-175-21	CERAMIC CHIP	1μF 20% 6.3V
D7600	8-719-058-24	DIODE	RB501V-40TE-17	FL7500	1-114-175-21	CERAMIC CHIP	1μF 20% 6.3V
FUSE				FL7501	1-114-175-21	CERAMIC CHIP	1μF 20% 6.3V
 F2001	1-576-913-11	FUSE	1.6A 36V	FL7502	1-114-175-21	CERAMIC CHIP	1μF 20% 6.3V
 F2201	1-576-933-21	FUSE	5A 24V	FL7600	1-114-175-21	CERAMIC CHIP	1μF 20% 6.3V
F5101	1-576-646-11	FUSE	0.5A 50V	FL7601	1-114-175-21	CERAMIC CHIP	1μF 20% 6.3V
 F7000	1-576-913-11	FUSE	1.6A 36V	FL7602	1-114-175-21	CERAMIC CHIP	1μF 20% 6.3V
 F7001	1-576-933-21	FUSE	5A 24V	FL7800	1-114-175-21	CERAMIC CHIP	1μF 20% 6.3V
 F7002	1-576-933-21	FUSE	5A 24V	FL7801	1-114-175-21	CERAMIC CHIP	1μF 20% 6.3V
FERRITE BEAD				FL7802	1-114-175-21	CERAMIC CHIP	1μF 20% 6.3V
FB1000	1-469-466-21	FERRITE	0μH	FL7803	1-114-175-21	CERAMIC CHIP	1μF 20% 6.3V
FB1001	1-469-466-21	FERRITE	0μH	FL7804	1-114-175-21	CERAMIC CHIP	1μF 20% 6.3V
FB1002	1-481-516-11	FERRITE	0μH	IC			
FB2009	1-481-517-11	FERRITE	0μH	IC2001	6-706-487-01	IC	TC7SH08FU(T5RSOYJF)
FB2201	1-400-089-21	FERRITE	0μH	IC2003	6-712-974-01	IC	CXD9926ATQ
FB2202	1-400-089-21	FERRITE	0μH	 IC2201	6-713-875-01	IC	TAS5602DCAR
FB2203	1-400-089-21	FERRITE	0μH	IC2301	8-753-314-50	IC	CXA3785R-T6
FB2204	1-400-089-21	FERRITE	0μH	IC2302	6-711-237-01	IC	NJM2878F3-33 (TE2)
FB3002	1-469-466-21	FERRITE	0μH	IC3000	6-711-047-01	IC	S-1132B18-U5T1G
FB3003	1-469-466-21	FERRITE	0μH	IC3001	6-704-573-01	IC	M24C32-WMN6T(B)
FB3004	1-469-466-21	FERRITE	0μH	IC3002	6-713-820-01	IC	MB91F313APMC-GE1
FB3005	1-469-466-21	FERRITE	0μH	IC3003	6-710-786-01	IC	TC7SH125FU(T5RSOYF)
FB5101	1-481-464-11	FERRITE	0μH	IC3004	6-710-786-01	IC	TC7SH125FU(T5RSOYF)
FB7400	1-400-089-21	FERRITE	0μH	IC3005	6-713-333-01	IC	PST8429UL
FB7508	1-400-089-21	FERRITE	0μH	IC3007	6-711-999-01	IC	MM3286EFBE
FB7509	1-400-089-21	FERRITE	0μH	IC5000	6-713-943-01	IC	TDA9996HL/C1
FB7512	1-481-515-11	FERRITE	0μH	IC5101	6-710-820-01	IC	S-24CS02AFJ-TB-G
FB7513	1-481-515-11	FERRITE	0μH	IC5102	6-708-132-01	IC	74LVC14APW
FB7514	1-481-517-11	FERRITE	0μH	IC7000	6-714-204-01	IC	215-0690011-00
FB7515	1-481-517-11	FERRITE	0μH	IC7001	6-704-407-01	IC	PQ1CZ41H2ZPH
				IC7003	8-759-338-94	IC	NJM2903E(TE2)

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REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES	
	IC7004	6-709-075-01	IC	TPS5124DBTRG4	L7001	1-481-081-11	INDUCTOR	47μH
	IC7005	6-709-075-01	IC	TPS5124DBTRG4	L7003	1-400-367-21	INDUCTOR	2.3μH
	IC7006	6-713-333-01	IC	PST8429UL	L7004	1-400-325-11	INDUCTOR	5.6μH
	IC7200	6-713-333-01	IC	PST8429UL	L7005	1-400-325-11	INDUCTOR	5.6μH
	IC7400	6-714-122-01	IC	K4T51163QG-HCF80DT	L7006	1-424-922-21	INDUCTOR	10μH
	IC7401	6-714-122-01	IC	K4T51163QG-HCF80DT				
	IC7402	6-714-122-01	IC	K4T51163QG-HCF80DT	L7200	1-481-464-11	FERRITE	0μH
					L7201	1-481-464-11	FERRITE	0μH
	IC7403	6-714-122-01	IC	K4T51163QG-HCF80DT	L7202	1-481-464-11	FERRITE	0μH
	IC7466	8-759-592-47	IC	TC7SZ08FU(TE85R)	L7203	1-481-464-11	FERRITE	0μH
	IC7467	6-713-932-01	IC	KFM1G16Q2C-AEB8000	L7204	1-481-464-11	FERRITE	0μH
	IC7470	6-702-688-01	IC	M24C64-WMN6T(B)				
	IC7472	6-808-665-01	IC	AT25DF081-SSHN-TQS405	L7205	1-481-464-11	FERRITE	0μH
					L7206	1-481-464-11	FERRITE	0μH
					L7208	1-481-464-11	FERRITE	0μH
	IC7501	6-713-928-01	IC	USX2030C-CP-TR	L7209	1-481-464-11	FERRITE	0μH
	IC7502	6-710-929-01	IC	LAN8700C-AEZG-TR	L7400	1-481-464-11	FERRITE	0μH
	IC7505	6-711-288-01	IC	MIC2005-0.5YM6TR				
	IC7506	6-711-288-01	IC	MIC2005-0.5YM6TR	L7401	1-481-464-11	FERRITE	0μH
	IC7600	8-759-338-94	IC	NJM2903E(TE2)	L7402	1-481-464-11	FERRITE	0μH
					L7403	1-481-464-11	FERRITE	0μH
		JACK			L7504	1-400-284-21	INDUCTOR	0μH
	J1000	1-822-605-11	PHONO JACK	10P	L7505	1-456-984-11	INDUCTOR	0μH
	J1002	1-573-798-31	JACK, MINIATURE (DIA. 3.5)					
	J1003	1-822-518-11	PHONO JACK	4P	L7600	1-469-555-21	INDUCTOR	10μH
					L7601	1-412-972-31	INDUCTOR	0.27μH
		COIL			L7602	1-412-972-31	INDUCTOR	0.27μH
	L1000	1-216-864-11	SHORT CHIP		L7603	1-469-555-21	INDUCTOR	10μH
	L1001	1-216-864-11	SHORT CHIP		L7604	1-412-979-21	INDUCTOR	1μH
	L1002	1-216-864-11	SHORT CHIP					
	L1003	1-216-864-11	SHORT CHIP		L7605	1-469-554-21	INDUCTOR	6.8μH
	L1004	1-216-864-11	SHORT CHIP		L7607	1-412-979-21	INDUCTOR	1μH
					L7608	1-469-555-21	INDUCTOR	10μH
	L1005	1-216-864-11	SHORT CHIP		L7610	1-469-555-21	INDUCTOR	10μH
	L2002	1-481-524-11	INDUCTOR	10μH	L7801	1-400-476-11	INDUCTOR	0μH
	L2201	1-457-765-11	INDUCTOR	22μH				
	L2203	1-457-765-11	INDUCTOR	22μH	L7802	1-400-476-11	INDUCTOR	0μH
	L2301	1-481-524-11	INDUCTOR	10μH	L7803	1-400-476-11	INDUCTOR	0μH
					L7804	1-400-476-11	INDUCTOR	0μH
	L2302	1-481-524-11	INDUCTOR	10μH	L7805	1-400-476-11	INDUCTOR	0μH
	L2303	1-481-524-11	INDUCTOR	10μH	L7806	1-400-476-11	INDUCTOR	0μH
	L5001	1-456-844-11	INDUCTOR	0μH		TRANSISTOR		
	L5002	1-456-844-11	INDUCTOR	0μH	Q1002	6-551-551-01	TRANSISTOR	RT3N77M-TP-1
	L5003	1-456-844-11	INDUCTOR	0μH	Q2201	6-551-691-01	TRANSISTOR	RT3P11M-TP-1
					Q2304	6-551-551-01	TRANSISTOR	RT3N77M-TP-1
	L5004	1-456-844-11	INDUCTOR	0μH	Q2305	6-551-812-01	TRANSISTOR	UNR51A1G0LS0
	L5005	1-456-844-11	INDUCTOR	0μH	Q3003	6-551-690-01	TRANSISTOR	RT3N11M-TP-1
	L5006	1-456-844-11	INDUCTOR	0μH				
	L5007	1-456-844-11	INDUCTOR	0μH	Q3004	6-551-321-01	TRANSISTOR	RT3WLMM-TP-1F
	L5008	1-456-844-11	INDUCTOR	0μH	Q3005	6-551-825-01	TRANSISTOR	UNR52A5G0LS0
					Q3006	6-551-815-01	TRANSISTOR	UNR52A1G0LS0

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
Q3008	6-551-815-01	TRANSISTOR	UNR52A1G0LS0			R1049	1-218-989-11	METAL CHIP	1M	5%	1/16W
Q3009	6-551-824-01	TRANSISTOR	UNR51A5G0LS0			R1050	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
Q3010	6-551-551-01	TRANSISTOR	RT3N77M-TP-1			R1051	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
Q7000	6-551-776-01	TRANSISTOR	2SC5950G0LS0			R1052	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
Q7001	6-551-776-01	TRANSISTOR	2SC5950G0LS0			R1053	1-218-989-11	METAL CHIP	1M	5%	1/16W
Q7002	6-551-776-01	TRANSISTOR	2SC5950G0LS0			R1054	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
 Q7003	6-709-438-01	TRANSISTOR	FDS6986AS			R1055	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
 Q7004	6-709-438-01	TRANSISTOR	FDS6986AS			R1056	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
 Q7005	6-709-438-01	TRANSISTOR	FDS6986AS			R1057	1-218-981-91	METAL CHIP	220K	5%	1/16W
 Q7006	6-552-223-01	TRANSISTOR	FDMS9600S			R1058	1-218-981-91	METAL CHIP	220K	5%	1/16W
Q7007	6-551-321-01	TRANSISTOR	RT3WLM-TP-1F			R1073	1-208-947-11	METAL CHIP	330K	0.50%	1/16W
Q7008	6-551-776-01	TRANSISTOR	2SC5950G0LS0			R1074	1-218-990-81	SHORT CHIP			
Q7600	6-551-776-01	TRANSISTOR	2SC5950G0LS0			R1075	1-218-990-81	SHORT CHIP			
Q7601	6-551-775-01	TRANSISTOR	2SA2122G0LS0			R1083	1-218-941-81	METAL CHIP	100	5%	1/16W
Q7602	6-551-776-01	TRANSISTOR	2SC5950G0LS0			R1084	1-218-941-81	METAL CHIP	100	5%	1/16W
Q7603	6-551-776-01	TRANSISTOR	2SC5950G0LS0			R2003	1-218-965-11	METAL CHIP	10K	5%	1/16W
Q7605	6-551-775-01	TRANSISTOR	2SA2122G0LS0			R2014	1-218-990-81	SHORT CHIP			
Q7606	6-551-775-01	TRANSISTOR	2SA2122G0LS0			R2017	1-218-953-11	METAL CHIP	1K	5%	1/16W
						R2019	1-218-941-81	METAL CHIP	100	5%	1/16W
	RESISTOR					R2024	1-208-920-81	METAL CHIP	24K	0.50%	1/16W
R1006	1-218-989-11	METAL CHIP	1M	5%	1/16W	R2026	1-218-945-11	METAL CHIP	220	5%	1/16W
R1007	1-218-989-11	METAL CHIP	1M	5%	1/16W	R2027	1-218-945-11	METAL CHIP	220	5%	1/16W
R1008	1-218-989-11	METAL CHIP	1M	5%	1/16W						
R1009	1-218-989-11	METAL CHIP	1M	5%	1/16W	R2028	1-218-989-11	METAL CHIP	1M	5%	1/16W
R1011	1-218-957-11	METAL CHIP	2.2K	5%	1/16W	R2036	1-218-965-11	METAL CHIP	10K	5%	1/16W
						R2037	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1012	1-218-957-11	METAL CHIP	2.2K	5%	1/16W	R2204	1-218-990-81	SHORT CHIP			
R1013	1-218-957-11	METAL CHIP	2.2K	5%	1/16W	R2209	1-218-953-11	METAL CHIP	1K	5%	1/16W
R1014	1-218-957-11	METAL CHIP	2.2K	5%	1/16W						
R1016	1-211-990-11	METAL CHIP	75	0.50%	1/10W	R3002	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1017	1-211-990-11	METAL CHIP	75	0.50%	1/10W	R3003	1-218-977-11	METAL CHIP	100K	5%	1/16W
						R3006	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1018	1-211-990-11	METAL CHIP	75	0.50%	1/10W	R3007	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R1022	1-218-989-11	METAL CHIP	1M	5%	1/16W	R3008	1-218-937-11	METAL CHIP	47	5%	1/16W
R1023	1-218-989-11	METAL CHIP	1M	5%	1/16W						
R1026	1-211-990-11	METAL CHIP	75	0.50%	1/10W	R3010	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R1027	1-211-990-11	METAL CHIP	75	0.50%	1/10W	R3011	1-218-937-11	METAL CHIP	47	5%	1/16W
						R3012	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1028	1-218-957-11	METAL CHIP	2.2K	5%	1/16W	R3013	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1029	1-218-957-11	METAL CHIP	2.2K	5%	1/16W	R3014	1-218-990-81	SHORT CHIP			
R1034	1-211-990-11	METAL CHIP	75	0.50%	1/10W						
R1036	1-211-990-11	METAL CHIP	75	0.50%	1/10W	R3015	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1037	1-211-990-11	METAL CHIP	75	0.50%	1/10W	R3018	1-218-953-11	METAL CHIP	1K	5%	1/16W
						R3020	1-218-937-11	METAL CHIP	47	5%	1/16W
R1038	1-211-990-11	METAL CHIP	75	0.50%	1/10W	R3021	1-218-937-11	METAL CHIP	47	5%	1/16W
R1047	1-218-989-11	METAL CHIP	1M	5%	1/16W	R3022	1-218-953-11	METAL CHIP	1K	5%	1/16W
R1048	1-218-989-11	METAL CHIP	1M	5%	1/16W						



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R3023	1-218-937-11	METAL CHIP	47	5%	1/16W	R3097	1-218-990-81	SHORT CHIP			
R3024	1-218-937-11	METAL CHIP	47	5%	1/16W	R3098	1-218-945-11	METAL CHIP	220	5%	1/16W
R3025	1-218-977-11	METAL CHIP	100K	5%	1/16W	R3102	1-218-941-81	METAL CHIP	100	5%	1/16W
R3026	1-218-965-11	METAL CHIP	10K	5%	1/16W	R3104	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R3028	1-218-977-11	METAL CHIP	100K	5%	1/16W	R3109	1-218-965-11	METAL CHIP	10K	5%	1/16W
R3029	1-218-949-11	METAL CHIP	470	5%	1/16W	R3112	1-218-953-11	METAL CHIP	1K	5%	1/16W
R3030	1-218-937-11	METAL CHIP	47	5%	1/16W	R5011	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R3031	1-218-941-81	METAL CHIP	100	5%	1/16W	R5012	1-208-709-11	METAL CHIP	12K	0.50%	1/16W
R3033	1-218-937-11	METAL CHIP	47	5%	1/16W	R5022	1-218-990-81	SHORT CHIP			
R3034	1-218-937-11	METAL CHIP	47	5%	1/16W	R5024	1-218-970-11	METAL CHIP	27K	5%	1/16W
R3038	1-218-937-11	METAL CHIP	47	5%	1/16W	R5025	1-218-941-81	METAL CHIP	100	5%	1/16W
R3039	1-218-957-11	METAL CHIP	2.2K	5%	1/16W	R5047	1-218-990-81	SHORT CHIP			
R3040	1-218-937-11	METAL CHIP	47	5%	1/16W	R5102	1-216-864-11	SHORT CHIP			
R3041	1-218-957-11	METAL CHIP	2.2K	5%	1/16W	R5103	1-216-864-11	SHORT CHIP			
R3042	1-218-937-11	METAL CHIP	47	5%	1/16W	R5104	1-216-864-11	SHORT CHIP			
R3043	1-218-965-11	METAL CHIP	10K	5%	1/16W	R5105	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R3045	1-218-949-11	METAL CHIP	470	5%	1/16W	R5107	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R3046	1-218-957-11	METAL CHIP	2.2K	5%	1/16W	R5108	1-218-953-11	METAL CHIP	1K	5%	1/16W
R3050	1-218-965-11	METAL CHIP	10K	5%	1/16W	R5110	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R3051	1-218-965-11	METAL CHIP	10K	5%	1/16W	R5111	1-218-977-11	METAL CHIP	100K	5%	1/16W
R3053	1-218-953-11	METAL CHIP	1K	5%	1/16W	R5114	1-218-933-11	METAL CHIP	22	5%	1/16W
R3055	1-218-941-81	METAL CHIP	100	5%	1/16W	R5115	1-218-933-11	METAL CHIP	22	5%	1/16W
R3061	1-218-937-11	METAL CHIP	47	5%	1/16W	R7000	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R3062	1-218-965-11	METAL CHIP	10K	5%	1/16W	R7001	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R3063	1-218-941-81	METAL CHIP	100	5%	1/16W	R7002	1-218-965-11	METAL CHIP	10K	5%	1/16W
R3064	1-218-937-11	METAL CHIP	47	5%	1/16W	R7005	1-218-965-11	METAL CHIP	10K	5%	1/16W
R3065	1-218-941-81	METAL CHIP	100	5%	1/16W	R7008	1-218-969-11	METAL CHIP	22K	5%	1/16W
R3066	1-218-953-11	METAL CHIP	1K	5%	1/16W	R7010	1-218-937-11	METAL CHIP	47	5%	1/16W
R3067	1-218-965-11	METAL CHIP	10K	5%	1/16W	R7016	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R3069	1-218-953-11	METAL CHIP	1K	5%	1/16W	R7017	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R3070	1-218-953-11	METAL CHIP	1K	5%	1/16W	R7019	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R3071	1-218-953-11	METAL CHIP	1K	5%	1/16W	R7020	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R3076	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R7021	1-218-965-11	METAL CHIP	10K	5%	1/16W
R3079	1-218-965-11	METAL CHIP	10K	5%	1/16W	R7022	1-218-949-11	METAL CHIP	470	5%	1/16W
R3080	1-218-953-11	METAL CHIP	1K	5%	1/16W	R7023	1-218-990-81	SHORT CHIP			
R3081	1-218-953-11	METAL CHIP	1K	5%	1/16W	R7025	1-218-953-11	METAL CHIP	1K	5%	1/16W
R3082	1-218-953-11	METAL CHIP	1K	5%	1/16W	R7026	1-218-990-81	SHORT CHIP			
R3086	1-245-604-11	METAL CHIP	10M	5%	1/16W	R7027	1-218-990-81	SHORT CHIP			
R3087	1-218-981-91	METAL CHIP	220K	5%	1/16W	R7028	1-218-953-11	METAL CHIP	1K	5%	1/16W
R3089	1-208-931-11	METAL CHIP	68K	0.50%	1/16W	R7029	1-218-950-11	METAL CHIP	560	5%	1/16W
R3090	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W	R7030	1-208-936-11	METAL CHIP	110K	0.50%	1/16W
R3092	1-208-711-11	METAL CHIP	15K	0.50%	1/16W	R7031	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R3094	1-218-953-11	METAL CHIP	1K	5%	1/16W	R7032	1-218-965-11	METAL CHIP	10K	5%	1/16W
R3095	1-218-957-11	METAL CHIP	2.2K	5%	1/16W	R7033	1-208-955-11	METAL CHIP	680K	0.50%	1/16W
R3096	1-218-990-81	SHORT CHIP				R7036	1-218-977-11	METAL CHIP	100K	5%	1/16W



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R7037	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R7209	1-218-973-11	METAL CHIP	47K	5%	1/16W
R7038	1-208-935-11	METAL CHIP	100K	0.50%	1/16W	R7210	1-218-941-81	METAL CHIP	100	5%	1/16W
R7039	1-208-721-11	METAL CHIP	39K	0.50%	1/16W	R7211	1-218-953-11	METAL CHIP	1K	5%	1/16W
R7040	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W	R7213	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R7041	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R7400	1-208-871-81	METAL CHIP	220	0.50%	1/16W
R7042	1-208-947-11	METAL CHIP	330K	0.50%	1/16W	R7401	1-208-871-81	METAL CHIP	220	0.50%	1/16W
R7043	1-208-927-11	METAL CHIP	47K	0.50%	1/16W	R7402	1-208-871-81	METAL CHIP	220	0.50%	1/16W
R7044	1-208-923-11	METAL CHIP	33K	0.50%	1/16W	R7403	1-208-871-81	METAL CHIP	220	0.50%	1/16W
R7045	1-208-715-11	METAL CHIP	22K	0.50%	1/16W	R7404	1-208-871-81	METAL CHIP	220	0.50%	1/16W
R7046	1-208-715-11	METAL CHIP	22K	0.50%	1/16W	R7405	1-208-871-81	METAL CHIP	220	0.50%	1/16W
R7047	1-208-923-11	METAL CHIP	33K	0.50%	1/16W	R7406	1-208-871-81	METAL CHIP	220	0.50%	1/16W
R7048	1-208-923-11	METAL CHIP	33K	0.50%	1/16W	R7407	1-208-871-81	METAL CHIP	220	0.50%	1/16W
R7049	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W	R7408	1-208-871-81	METAL CHIP	220	0.50%	1/16W
R7050	1-218-941-81	METAL CHIP	100	5%	1/16W	R7409	1-208-871-81	METAL CHIP	220	0.50%	1/16W
R7051	1-218-941-81	METAL CHIP	100	5%	1/16W	R7410	1-208-871-81	METAL CHIP	220	0.50%	1/16W
R7052	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W	R7411	1-208-871-81	METAL CHIP	220	0.50%	1/16W
R7053	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R7418	1-208-871-81	METAL CHIP	220	0.50%	1/16W
R7054	1-218-941-81	METAL CHIP	100	5%	1/16W	R7419	1-208-871-81	METAL CHIP	220	0.50%	1/16W
R7055	1-208-935-11	METAL CHIP	100K	0.50%	1/16W	R7420	1-218-965-11	METAL CHIP	10K	5%	1/16W
R7056	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W	R7421	1-208-871-81	METAL CHIP	220	0.50%	1/16W
R7057	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W	R7422	1-208-871-81	METAL CHIP	220	0.50%	1/16W
R7058	1-208-935-11	METAL CHIP	100K	0.50%	1/16W	R7423	1-208-661-11	METAL CHIP	120	0.50%	1/16W
R7059	1-208-935-11	METAL CHIP	100K	0.50%	1/16W	R7424	1-208-661-11	METAL CHIP	120	0.50%	1/16W
R7060	1-208-935-11	METAL CHIP	100K	0.50%	1/16W	R7425	1-208-661-11	METAL CHIP	120	0.50%	1/16W
R7061	1-218-937-11	METAL CHIP	47	5%	1/16W	R7426	1-208-661-11	METAL CHIP	120	0.50%	1/16W
R7062	1-218-937-11	METAL CHIP	47	5%	1/16W	R7427	1-208-661-11	METAL CHIP	120	0.50%	1/16W
R7063	1-218-937-11	METAL CHIP	47	5%	1/16W	R7428	1-208-661-11	METAL CHIP	120	0.50%	1/16W
R7064	1-218-990-81	SHORT CHIP				R7429	1-208-661-11	METAL CHIP	120	0.50%	1/16W
R7065	1-218-990-81	SHORT CHIP				R7430	1-208-661-11	METAL CHIP	120	0.50%	1/16W
R7066	1-218-937-11	METAL CHIP	47	5%	1/16W	R7450	1-218-965-11	METAL CHIP	10K	5%	1/16W
R7067	1-208-715-11	METAL CHIP	22K	0.50%	1/16W	R7451	1-218-965-11	METAL CHIP	10K	5%	1/16W
R7068	1-208-715-11	METAL CHIP	22K	0.50%	1/16W	R7452	1-218-965-11	METAL CHIP	10K	5%	1/16W
R7069	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R7453	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R7070	1-208-711-11	METAL CHIP	15K	0.50%	1/16W			(KDL-40XBR9 ONLY)			
R7071	1-220-802-11	METAL CHIP	3.3	5%	1/16W	R7453	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
								(KDL-46XBR9 ONLY)			
R7072	1-218-990-81	SHORT CHIP				R7453	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R7073	1-218-990-81	SHORT CHIP						(KDL-52XBR9 ONLY)			
R7074	1-220-802-11	METAL CHIP	3.3	5%	1/16W						
R7075	1-220-802-11	METAL CHIP	3.3	5%	1/16W	R7454	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R7076	1-220-802-11	METAL CHIP	3.3	5%	1/16W			(KDL-40XBR9 ONLY)			
						R7454	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
								(KDL-46XBR9 ONLY)			
R7091	1-218-965-11	METAL CHIP	10K	5%	1/16W	R7454	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R7092	1-218-953-11	METAL CHIP	1K	5%	1/16W			(KDL-52XBR9 ONLY)			
R7093	1-218-990-81	SHORT CHIP									
R7200	1-218-941-81	METAL CHIP	100	5%	1/16W						
R7206	1-208-898-81	METAL CHIP	3K	0.50%	1/16W						



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R7456	1-218-990-81	SHORT CHIP				R7565	1-208-908-11	METAL CHIP	7.5K	0.50%	1/16W
R7459	1-218-955-11	METAL CHIP	1.5K	5%	1/16W	R7570	1-218-990-81	SHORT CHIP			
R7461	1-218-956-11	METAL CHIP	1.8K	5%	1/16W	R7582	1-218-941-81	METAL CHIP	100	5%	1/16W
						R7583	1-218-977-11	METAL CHIP	100K	5%	1/16W
R7463	1-218-933-11	METAL CHIP	22	5%	1/16W	R7591	1-218-965-11	METAL CHIP	10K	5%	1/16W
R7464	1-218-933-11	METAL CHIP	22	5%	1/16W						
R7468	1-218-965-11	METAL CHIP	10K	5%	1/16W	R7593	1-218-941-81	METAL CHIP	100	5%	1/16W
R7484	1-218-965-11	METAL CHIP	10K	5%	1/16W	R7594	1-218-941-81	METAL CHIP	100	5%	1/16W
R7492	1-218-965-11	METAL CHIP	10K	5%	1/16W	R7597	1-218-933-11	METAL CHIP	22	5%	1/16W
						R7602	1-218-937-11	METAL CHIP	47	5%	1/16W
R7493	1-218-965-11	METAL CHIP	10K	5%	1/16W	R7603	1-218-937-11	METAL CHIP	47	5%	1/16W
R7494	1-218-933-11	METAL CHIP	22	5%	1/16W						
R7500	1-218-941-81	METAL CHIP	100	5%	1/16W	R7604	1-218-937-11	METAL CHIP	47	5%	1/16W
R7501	1-218-937-11	METAL CHIP	47	5%	1/16W	R7605	1-218-937-11	METAL CHIP	47	5%	1/16W
R7502	1-218-953-11	METAL CHIP	1K	5%	1/16W	R7606	1-218-937-11	METAL CHIP	47	5%	1/16W
						R7607	1-218-937-11	METAL CHIP	47	5%	1/16W
R7515	1-208-905-11	METAL CHIP	5.6K	0.50%	1/16W	R7608	1-218-937-11	METAL CHIP	47	5%	1/16W
R7516	1-218-990-81	SHORT CHIP									
R7517	1-218-990-81	SHORT CHIP				R7609	1-218-937-11	METAL CHIP	47	5%	1/16W
R7524	1-218-937-11	METAL CHIP	47	5%	1/16W	R7610	1-218-937-11	METAL CHIP	47	5%	1/16W
R7525	1-208-711-11	METAL CHIP	15K	0.50%	1/16W	R7611	1-218-937-11	METAL CHIP	47	5%	1/16W
						R7612	1-218-937-11	METAL CHIP	47	5%	1/16W
R7526	1-218-933-11	METAL CHIP	22	5%	1/16W	R7613	1-218-949-11	METAL CHIP	470	5%	1/16W
R7527	1-208-711-11	METAL CHIP	15K	0.50%	1/16W						
R7529	1-208-711-11	METAL CHIP	15K	0.50%	1/16W	R7614	1-218-941-81	METAL CHIP	100	5%	1/16W
R7530	1-208-711-11	METAL CHIP	15K	0.50%	1/16W	R7615	1-218-941-81	METAL CHIP	100	5%	1/16W
R7533	1-208-635-11	METAL CHIP	10	0.50%	1/16W	R7616	1-218-959-11	METAL CHIP	3.3K	5%	1/16W
						R7617	1-218-989-11	METAL CHIP	1M	5%	1/16W
R7534	1-218-953-11	METAL CHIP	1K	5%	1/16W	R7618	1-208-697-11	METAL CHIP	3.9K	0.50%	1/16W
R7535	1-218-990-81	SHORT CHIP									
R7536	1-218-965-11	METAL CHIP	10K	5%	1/16W	R7619	1-218-958-11	METAL CHIP	2.7K	5%	1/16W
R7537	1-218-965-11	METAL CHIP	10K	5%	1/16W	R7620	1-218-969-11	METAL CHIP	22K	5%	1/16W
R7539	1-218-941-81	METAL CHIP	100	5%	1/16W	R7621	1-208-928-11	METAL CHIP	51K	0.50%	1/16W
						R7622	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R7540	1-218-941-81	METAL CHIP	100	5%	1/16W	R7623	1-218-941-81	METAL CHIP	100	5%	1/16W
R7541	1-218-941-81	METAL CHIP	100	5%	1/16W						
R7542	1-218-941-81	METAL CHIP	100	5%	1/16W	R7624	1-218-989-11	METAL CHIP	1M	5%	1/16W
R7544	1-218-965-11	METAL CHIP	10K	5%	1/16W	R7625	1-218-959-11	METAL CHIP	3.3K	5%	1/16W
R7545	1-218-965-11	METAL CHIP	10K	5%	1/16W	R7626	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
						R7627	1-218-959-11	METAL CHIP	3.3K	5%	1/16W
R7548	1-218-989-11	METAL CHIP	1M	5%	1/16W	R7628	1-218-941-81	METAL CHIP	100	5%	1/16W
R7549	1-218-990-81	SHORT CHIP									
R7550	1-245-567-81	METAL CHIP	49.9	0.50%	1/16W	R7629	1-208-928-11	METAL CHIP	51K	0.50%	1/16W
R7551	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W	R7630	1-218-969-11	METAL CHIP	22K	5%	1/16W
R7553	1-218-965-11	METAL CHIP	10K	5%	1/16W	R7632	1-218-941-81	METAL CHIP	100	5%	1/16W
						R7633	1-218-949-11	METAL CHIP	470	5%	1/16W
R7554	1-245-567-81	METAL CHIP	49.9	0.50%	1/16W	R7634	1-218-941-81	METAL CHIP	100	5%	1/16W
R7557	1-218-937-11	METAL CHIP	47	5%	1/16W						
R7562	1-245-567-81	METAL CHIP	49.9	0.50%	1/16W	R7635	1-218-965-11	METAL CHIP	10K	5%	1/16W
R7563	1-245-567-81	METAL CHIP	49.9	0.50%	1/16W	R7636	1-218-959-11	METAL CHIP	3.3K	5%	1/16W
R7564	1-208-677-11	METAL CHIP	560	0.50%	1/16W	R7637	1-218-953-11	METAL CHIP	1K	5%	1/16W
						R7638	1-218-965-11	METAL CHIP	10K	5%	1/16W
						R7641	1-218-947-11	METAL CHIP	330	5%	1/16W



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R7642	1-208-939-11	METAL CHIP	150K	0.50%	1/16W	RB2306	1-234-375-21	RES, NETWORK 1K	(1005X4)		
R7643	1-218-953-11	METAL CHIP	1K	5%	1/16W	RB3000	1-239-698-11	RESISTOR, NETWORK 10K			
R7649	1-218-978-11	METAL CHIP	120K	5%	1/16W						
R7653	1-218-957-11	METAL CHIP	2.2K	5%	1/16W	RB3001	1-239-690-81	RESISTOR, NETWORK 2.2K			
R7658	1-218-941-81	METAL CHIP	100	5%	1/16W	RB3002	1-239-690-81	RESISTOR, NETWORK 2.2K			
						RB3003	1-234-372-11	RES, NETWORK 100	(1005X4)		
R7659	1-218-941-81	METAL CHIP	100	5%	1/16W	RB3004	1-234-372-11	RES, NETWORK 100	(1005X4)		
R7660	1-218-953-11	METAL CHIP	1K	5%	1/16W	RB3006	1-234-372-11	RES, NETWORK 100	(1005X4)		
R7661	1-218-941-81	METAL CHIP	100	5%	1/16W						
R7662	1-218-945-11	METAL CHIP	220	5%	1/16W	RB3007	1-234-372-11	RES, NETWORK 100	(1005X4)		
R7664	1-218-937-11	METAL CHIP	47	5%	1/16W	RB3008	1-234-371-21	RES, NETWORK 47	(1005X4)		
						RB3009	1-234-372-11	RES, NETWORK 100	(1005X4)		
R7665	1-218-937-11	METAL CHIP	47	5%	1/16W	RB3010	1-234-371-21	RES, NETWORK 47	(1005X4)		
R7680	1-218-941-81	METAL CHIP	100	5%	1/16W	RB3012	1-234-378-21	RES, NETWORK 10K	(1005X4)		
R7681	1-218-965-11	METAL CHIP	10K	5%	1/16W						
R7682	1-208-711-11	METAL CHIP	15K	0.50%	1/16W	RB3013	1-234-378-21	RES, NETWORK 10K	(1005X4)		
R7685	1-218-990-81	SHORT CHIP				RB3015	1-234-375-21	RES, NETWORK 1K	(1005X4)		
						RB3016	1-234-372-11	RES, NETWORK 100	(1005X4)		
R7686	1-218-990-81	SHORT CHIP				RB3017	1-234-375-21	RES, NETWORK 1K	(1005X4)		
R7687	1-218-990-81	SHORT CHIP				RB3018	1-239-698-11	RESISTOR, NETWORK 10K			
R7688	1-218-990-81	SHORT CHIP									
R7689	1-218-990-81	SHORT CHIP				RB3019	1-239-674-81	RESISTOR, NETWORK 100			
R7696	1-208-923-11	METAL CHIP	33K	0.50%	1/16W	RB3020	1-239-686-11	RESISTOR, NETWORK 1K			
						RB3023	1-239-686-11	RESISTOR, NETWORK 1K			
R7697	1-208-715-11	METAL CHIP	22K	0.50%	1/16W	RB3025	1-239-686-11	RESISTOR, NETWORK 1K			
R7698	1-218-965-11	METAL CHIP	10K	5%	1/16W	RB3026	1-239-674-81	RESISTOR, NETWORK 100			
R7800	1-208-911-11	METAL CHIP	10K	0.50%	1/16W						
R7818	1-218-990-81	SHORT CHIP				RB5001	1-239-706-81	RESISTOR, NETWORK 47K			
R7819	1-218-933-11	METAL CHIP	22	5%	1/16W	RB5002	1-239-690-81	RESISTOR, NETWORK 2.2K			
						RB5003	1-239-706-81	RESISTOR, NETWORK 47K			
R7820	1-218-933-11	METAL CHIP	22	5%	1/16W	RB5004	1-239-706-81	RESISTOR, NETWORK 47K			
R7824	1-218-933-11	METAL CHIP	22	5%	1/16W	RB5005	1-239-706-81	RESISTOR, NETWORK 47K			
R7830	1-218-933-11	METAL CHIP	22	5%	1/16W						
R7831	1-218-990-81	SHORT CHIP				RB5006	1-234-380-21	RES, NETWORK 47K	(1005X4)		
R7837	1-218-990-81	SHORT CHIP				RB5007	1-234-375-21	RES, NETWORK 1K	(1005X4)		
						RB5101	1-239-686-11	RESISTOR, NETWORK 1K			
						RB5102	1-239-674-81	RESISTOR, NETWORK 100			
						RB7001	1-234-381-11	RES, NETWORK 100K	(1005X4)		
						RB7200	1-234-372-11	RES, NETWORK 100	(1005X4)		
						RB7201	1-239-674-81	RESISTOR, NETWORK 100			
						RB7202	1-239-674-81	RESISTOR, NETWORK 100			
						RB7204	1-239-674-81	RESISTOR, NETWORK 100			
						RB7205	1-239-674-81	RESISTOR, NETWORK 100			
						RB7206	1-239-674-81	RESISTOR, NETWORK 100			
						RB7207	1-239-690-81	RESISTOR, NETWORK 2.2K			
						RB7208	1-239-690-81	RESISTOR, NETWORK 2.2K			
						RB7210	1-234-378-21	RES, NETWORK 10K	(1005X4)		
						RB7401	1-234-711-21	RES, CHIP NETWORK	22X8 (3816)		
						RB7402	1-234-711-21	RES, CHIP NETWORK	22X8 (3816)		
						RB7403	1-234-710-21	RES, CHIP NETWORK	47X8 (3816)		
RESISTOR BRIDGE											
RB1007	1-234-378-21	RES, NETWORK 10K	(1005X4)								
RB2001	1-234-378-21	RES, NETWORK 10K	(1005X4)								
RB2002	1-234-372-11	RES, NETWORK 100	(1005X4)								
RB2003	1-234-372-11	RES, NETWORK 100	(1005X4)								
RB2004	1-234-372-11	RES, NETWORK 100	(1005X4)								
RB2005	1-234-882-21	RES, CHIP NETWORK	47KX8 (3816)								
RB2006	1-234-375-21	RES, NETWORK 1K	(1005X4)								
RB2007	1-234-882-21	RES, CHIP NETWORK	47KX8 (3816)								
RB2010	1-234-371-21	RES, NETWORK 47	(1005X4)								
RB2200	1-234-381-11	RES, NETWORK 100K	(1005X4)								
RB2301	1-234-381-11	RES, NETWORK 100K	(1005X4)								
RB2302	1-234-372-11	RES, NETWORK 100	(1005X4)								
RB2304	1-234-375-21	RES, NETWORK 1K	(1005X4)								

D1N

CAPACITOR

C6600	1-112-744-61	MYLAR	1μF	10%	450V
C6604	1-114-868-11	CERAMIC CHIP	0.1μF	10%	50V
C6605	1-114-868-11	CERAMIC CHIP	0.1μF	10%	50V
C6607	1-112-744-61	MYLAR	1μF	10%	450V
C6612	1-112-873-11	CERAMIC	100pF	10%	250V
C6615	1-107-888-11	ELECT	47μF	20%	25V
C6616	1-112-744-61	MYLAR	1μF	10%	450V

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C6619	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	C6763	1-162-959-11	CERAMIC CHIP (KDL-40XBR9 ONLY)	330pF	5%	50V
C6631	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C6763	1-100-831-91	CERAMIC CHIP (KDL-46XBR9 ONLY)	0.001μF	2%	50V
C6632	1-114-326-11	CERAMIC CHIP	0.22μF	10%	25V	C6764	1-114-322-11	CERAMIC CHIP	0.0047μF	10%	50V
C6633	1-114-326-11	CERAMIC CHIP	0.22μF	10%	25V	C6765	1-114-811-11	CERAMIC CHIP	0.0033μF	10%	50V
C6651	1-114-811-11	CERAMIC CHIP (KDL-40XBR9 ONLY)	0.0033μF	10%	50V	C6766	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C6651	1-114-322-11	CERAMIC CHIP (KDL-46XBR9 ONLY)	0.0047μF	10%	50V	C6767	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C6702	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C6768	1-114-813-11	CERAMIC CHIP	1μF	10%	16V
C6703	1-162-927-11	CERAMIC CHIP	100pF	5%	50V	C6770	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V
C6708	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	C6771	1-114-331-11	CERAMIC CHIP	4.7μF	10%	10V
C6711	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C6772	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V
C6712	1-114-813-11	CERAMIC CHIP	1μF	10%	16V	CONNECTOR					
C6713	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	* CN6600	1-691-291-11	PIN, CONNECTOR (PC BOARD)	5P		
C6714	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	* CN6702	1-778-853-21	PIN, CONNECTOR (PC BOARD)	8P		
C6715	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	* CN6703	1-785-708-11	PIN, CONNECTOR (PC BOARD)	12P		
C6720	1-107-882-91	ELECT	100μF	20%	16V	DIODE					
C6722	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	D6600	6-501-818-01	DIODE	MA2J1130GLS0		
C6723	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	D6601	6-501-818-01	DIODE	MA2J1130GLS0		
C6724	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	 D6604	6-501-725-01	DIODE	MAZ8047GLLS0		
C6727	1-114-326-11	CERAMIC CHIP	0.22μF	10%	25V	 D6605	6-501-725-01	DIODE	MAZ8047GLLS0		
C6728	1-107-909-11	ELECT	47μF	20%	50V	 D6606	8-719-027-76	DIODE	1SS357-TPH3		
C6730	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	D6607	8-719-027-76	DIODE	1SS357-TPH3		
C6731	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	 D6608	6-501-818-01	DIODE	MA2J1130GLS0		
C6732	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	D6609	6-501-818-01	DIODE	MA2J1130GLS0		
C6736	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	 D6612	8-719-081-67	DIODE	M1FM3		
C6737	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	D6613	8-719-979-64	DIODE	μF4005/23		
C6738	1-100-831-91	CERAMIC CHIP	0.001μF	2%	50V	D6614	8-719-979-64	DIODE	μF4005/23		
C6739	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	 D6615	6-501-776-01	DIODE	MAZ8150GMLS0		
C6746	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	D6616	6-501-776-01	DIODE	MAZ8150GMLS0		
C6747	1-162-927-11	CERAMIC CHIP	100pF	5%	50V	 D6617	6-501-776-01	DIODE	MAZ8150GMLS0		
C6748	1-114-321-11	CERAMIC CHIP	0.0022μF	10%	50V	D6618	8-719-081-67	DIODE	M1FM3		
C6749	1-100-831-91	CERAMIC CHIP	0.001μF	2%	50V	D6619	8-719-081-67	DIODE	M1FM3		
C6750	1-100-831-91	CERAMIC CHIP	0.001μF	2%	50V	D6650	6-502-318-01	DIODE	MA4J1130GLS0		
C6751	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	D6651	6-502-318-01	DIODE	MA4J1130GLS0		
C6752	1-164-230-11	CERAMIC CHIP	220pF	5%	50V	D6706	6-501-817-01	DIODE	MA2J1110GLS0		
C6753	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	D6707	6-501-817-01	DIODE	MA2J1110GLS0		
C6754	1-107-909-11	ELECT	47μF	20%	50V	D6751	6-501-780-01	DIODE	MAZ8180GOLS0		
C6755	1-127-803-91	CERAMIC CHIP	270pF	1%	50V	D6753	6-501-817-01	DIODE	MA2J1110GLS0		
C6757	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	D6756	6-501-780-01	DIODE	MAZ8180GOLS0		
C6758	1-112-780-11	CERAMIC CHIP	0.47μF	10%	16V	FERRITE BEAD					
C6760	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	FB6613	1-410-396-41	FERRITE	0.45μH		
C6761	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V						
C6762	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V						

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REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES	
IC				COIL				
⚠	IC6601	6-713-825-01	IC	STR-H7204	L6600	1-412-535-41	INDUCTOR	68μH
⚠	IC6750	6-713-824-01	IC	BD9897FS	TRANSISTOR			
CHIP CONDUCTOR				TRANSISTOR				
JR6651	1-216-296-11	SHORT CHIP		⚠	Q6602	6-551-713-01	TRANSISTOR	2SK3569(LBS1SONY.Q
JR6652	1-216-296-11	SHORT CHIP					(KDL-46XBR9 ONLY)	
JR6653	1-216-296-11	SHORT CHIP		⚠	Q6603	6-551-713-01	TRANSISTOR	2SK3569(LBS1SONY.Q
JR6654	1-216-296-11	SHORT CHIP					(KDL-46XBR9 ONLY)	
JR6655	1-216-296-11	SHORT CHIP		⚠	Q6604	6-552-207-01	TRANSISTOR	TK6A60D
							(KDL-40XBR9 ONLY)	
JR6656	1-216-295-91	SHORT CHIP		⚠	Q6605	6-552-207-01	TRANSISTOR	TK6A60D
JR6657	1-216-296-11	SHORT CHIP					(KDL-40XBR9 ONLY)	
JR6658	1-216-296-11	SHORT CHIP		⚠	Q6606	6-551-713-01	TRANSISTOR	2SK3569(LBS1SONY.Q
JR6659	1-216-296-11	SHORT CHIP					(KDL-46XBR9 ONLY)	
JR6660	1-216-296-11	SHORT CHIP		⚠	Q6607	6-551-713-01	TRANSISTOR	2SK3569(LBS1SONY.Q
							(KDL-46XBR9 ONLY)	
JR6661	1-216-296-11	SHORT CHIP		⚠	Q6608	6-552-207-01	TRANSISTOR	TK6A60D
JR6662	1-216-295-91	SHORT CHIP					(KDL-40XBR9 ONLY)	
JR6663	1-216-295-91	SHORT CHIP		⚠	Q6609	6-552-207-01	TRANSISTOR	TK6A60D
JR6665	1-216-296-11	SHORT CHIP					(KDL-40XBR9 ONLY)	
JR6666	1-216-296-11	SHORT CHIP			Q6711	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
					Q6712	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
JR6668	1-216-296-11	SHORT CHIP						
JR6670	1-216-296-11	SHORT CHIP			Q6721	8-729-027-43	TRANSISTOR	DTC114EKA-T146
JR6673	1-216-296-11	SHORT CHIP			Q6750	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
JR6674	1-216-296-11	SHORT CHIP			Q6751	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
JR6675	1-216-296-11	SHORT CHIP			Q6754	6-551-961-01	TRANSISTOR	INK0002AC1-T130A-1
					Q6755	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
JR6676	1-216-296-11	SHORT CHIP		RESISTOR				
JR6677	1-216-296-11	SHORT CHIP		⚠	R6601	1-216-833-11	METAL CHIP	10K 5% 1/10W
JR6678	1-216-296-11	SHORT CHIP			R6602	1-216-833-11	METAL CHIP	10K 5% 1/10W
JR6679	1-216-296-11	SHORT CHIP			R6603	1-220-926-81	FUSIBLE	0.47 10% 1/2W
JR6680	1-216-296-11	SHORT CHIP					(KDL-46XBR9 ONLY)	
JR6681	1-216-296-11	SHORT CHIP			R6604	1-216-818-11	METAL CHIP	560 5% 1/10W
JR6682	1-216-296-11	SHORT CHIP			R6605	1-216-818-11	METAL CHIP	560 5% 1/10W
JR6683	1-216-295-91	SHORT CHIP						
JR6684	1-216-296-11	SHORT CHIP			R6606	1-216-841-11	METAL CHIP	47K 5% 1/10W
JR6687	1-216-296-11	SHORT CHIP			R6607	1-216-841-11	METAL CHIP	47K 5% 1/10W
					R6608	1-216-857-11	METAL CHIP	1M 5% 1/10W
JR6688	1-216-296-11	SHORT CHIP			R6609	1-216-857-11	METAL CHIP	1M 5% 1/10W
JR6689	1-216-296-11	SHORT CHIP		⚠	R6610	1-216-021-00	METAL CHIP	68 5% 1/10W
JR6690	1-216-296-11	SHORT CHIP					(KDL-40XBR9 ONLY)	
JR6691	1-216-296-11	SHORT CHIP		⚠	R6610	1-216-308-00	METAL CHIP	4.7 5% 1/10W
JR6692	1-216-295-91	SHORT CHIP					(KDL-46XBR9 ONLY)	
				⚠	R6611	1-216-807-11	METAL CHIP	68 5% 1/10W
JR6694	1-216-295-91	SHORT CHIP					(KDL-40XBR9 ONLY)	
				⚠	R6611	1-216-793-11	METAL CHIP	4.7 5% 1/10W
							(KDL-46XBR9 ONLY)	

NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une  marque sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
	R6612	1-216-021-00 METAL CHIP (KDL-40XBR9 ONLY)	68	5%	1/10W	R6727	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6612	1-216-308-00 METAL CHIP (KDL-46XBR9 ONLY)	4.7	5%	1/10W	R6728	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
	R6613	1-216-807-11 METAL CHIP (KDL-40XBR9 ONLY)	68	5%	1/10W	R6732	1-216-839-11	METAL CHIP	33K	5%	1/10W
	R6613	1-216-793-11 METAL CHIP (KDL-46XBR9 ONLY)	4.7	5%	1/10W	R6733	1-216-864-11	SHORT CHIP			
	R6614	1-216-818-11 METAL CHIP	560	5%	1/10W	R6737	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
	R6615	1-216-818-11 METAL CHIP	560	5%	1/10W	R6739	1-218-879-11	METAL CHIP	22K	0.50%	1/10W
	R6616	1-216-841-11 METAL CHIP	47K	5%	1/10W	R6740	1-218-875-11	METAL CHIP	15K	0.50%	1/10W
	R6617	1-216-841-11 METAL CHIP	47K	5%	1/10W	R6741	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
	R6618	1-216-825-11 METAL CHIP	2.2K	5%	1/10W	R6742	1-218-903-11	METAL CHIP	220K	0.50%	1/10W
	R6619	1-216-825-11 METAL CHIP	2.2K	5%	1/10W	R6743	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
	R6636	1-249-393-11 CARBON	10	5%	1/4W	R6744	1-218-883-11	METAL CHIP	33K	0.50%	1/10W
	R6639	1-218-885-11 METAL CHIP (KDL-40XBR9 ONLY)	39K	0.50%	1/10W	R6745	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
	R6639	1-218-883-11 METAL CHIP (KDL-46XBR9 ONLY)	33K	0.50%	1/10W	R6746	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
	R6650	1-243-831-71 METAL OXIDE	12	5%	1W	R6749	1-218-847-11	METAL CHIP (KDL-40XBR9 ONLY)	1K	0.50%	1/10W
	R6691	1-216-809-11 METAL CHIP	100	5%	1/10W	R6749	1-218-903-11	METAL CHIP (KDL-46XBR9 ONLY)	220K	0.50%	1/10W
	R6692	1-218-823-11 METAL CHIP	100	0.50%	1/10W	R6751	1-216-864-11	SHORT CHIP			
	R6693	1-218-847-11 METAL CHIP	1K	0.50%	1/10W	R6752	1-218-877-11	METAL CHIP	18K	0.50%	1/10W
	R6694	1-218-847-11 METAL CHIP	1K	0.50%	1/10W	R6753	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
	R6695	1-216-864-11 SHORT CHIP				R6754	1-216-864-11	SHORT CHIP			
	R6701	1-216-864-11 SHORT CHIP				R6760	1-218-833-11	METAL CHIP (KDL-40XBR9 ONLY)	270	0.50%	1/10W
	R6703	1-216-849-11 METAL CHIP	220K	5%	1/10W	R6760	1-211-989-11	METAL CHIP (KDL-46XBR9 ONLY)	68	0.50%	1/10W
	R6705	1-216-864-11 SHORT CHIP				R6762	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
	R6706	1-218-446-11 METAL CHIP	1	5%	1/10W	R6763	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
	R6708	1-216-864-11 SHORT CHIP				R6764	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
	R6711	1-216-821-11 METAL CHIP	1K	5%	1/10W	R6765	1-216-845-11	METAL CHIP	100K	5%	1/10W
	R6712	1-216-864-11 SHORT CHIP				R6766	1-216-813-11	METAL CHIP	220	5%	1/10W
	R6714	1-216-809-11 METAL CHIP	100	5%	1/10W	R6767	1-218-879-11	METAL CHIP (KDL-40XBR9 ONLY)	22K	0.50%	1/10W
	R6715	1-216-820-11 METAL CHIP	820	5%	1/10W	R6767	1-218-887-11	METAL CHIP (KDL-40XBR9 ONLY)	47K	0.50%	1/10W
	R6716	1-218-446-11 METAL CHIP	1	5%	1/10W	R6768	1-218-895-11	METAL CHIP (KDL-40XBR9 ONLY)	100K	0.50%	1/10W
	R6718	1-218-887-11 METAL CHIP	47K	0.50%	1/10W	R6768	1-218-903-11	METAL CHIP (KDL-46XBR9 ONLY)	220K	0.50%	1/10W
	R6719	1-216-825-11 METAL CHIP	2.2K	5%	1/10W	R6769	1-218-895-11	METAL CHIP (KDL-40XBR9 ONLY)	100K	0.50%	1/10W
	R6720	1-218-871-11 METAL CHIP	10K	0.50%	1/10W	R6769	1-218-873-11	METAL CHIP (KDL-46XBR9 ONLY)	12K	0.50%	1/10W
	R6721	1-218-879-11 METAL CHIP	22K	0.50%	1/10W	R6778	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
	R6722	1-218-879-11 METAL CHIP	22K	0.50%	1/10W						
	R6723	1-216-793-11 METAL CHIP	4.7	5%	1/10W						
	R6725	1-218-887-11 METAL CHIP	47K	0.50%	1/10W						
	R6726	1-218-895-11 METAL CHIP	100K	0.50%	1/10W						

NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un triangle et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

D1N

D2N

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6779	1-218-871-11	METAL CHIP (KDL-40XBR9 ONLY)	10K	0.50%	1/10W	C6815	1-107-888-11	ELECT	47μF	20%	25V
R6779	1-218-863-11	METAL CHIP (KDL-46XBR9 ONLY)	4.7K	0.50%	1/10W	C6816	1-112-744-61	MYLAR	1μF	10%	450V
R6781	1-218-879-11	METAL CHIP (KDL-40XBR9 ONLY)	22K	0.50%	1/10W	C6819	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V
R6781	1-218-883-11	METAL CHIP (KDL-46XBR9 ONLY)	33K	0.50%	1/10W	C6831	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
R6782	1-218-887-11	METAL CHIP	47K	0.50%	1/10W	C6832	1-114-326-11	CERAMIC CHIP	0.22μF	10%	25V
R6783	1-218-839-11	METAL CHIP (KDL-40XBR9 ONLY)	470	0.50%	1/10W	C6833	1-114-326-11	CERAMIC CHIP	0.22μF	10%	25V
R6783	1-218-851-11	METAL CHIP (KDL-46XBR9 ONLY)	1.5K	0.50%	1/10W	C6851	1-114-811-11	CERAMIC CHIP (KDL-40XBR9 ONLY)	0.0033μF	10%	50V
R6784	1-218-859-11	METAL CHIP (KDL-40XBR9 ONLY)	3.3K	0.50%	1/10W	C6851	1-114-322-11	CERAMIC CHIP (KDL-46XBR9 ONLY)	0.0047μF	10%	50V
R6784	1-218-869-11	METAL CHIP (KDL-46XBR9 ONLY)	8.2K	0.50%	1/10W	C6903	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
R6786	1-218-895-11	METAL CHIP	100K	0.50%	1/10W	C6912	1-114-813-11	CERAMIC CHIP	1μF	10%	16V
R6787	1-218-895-11	METAL CHIP	100K	0.50%	1/10W	C6932	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V
R6789	1-218-871-11	METAL CHIP	10K	0.50%	1/10W	C6948	1-114-321-11	CERAMIC CHIP	0.0022μF	10%	50V
R6790	1-218-879-11	METAL CHIP	22K	0.50%	1/10W	C6951	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
R6791	1-218-877-11	METAL CHIP	18K	0.50%	1/10W	C6952	1-164-230-11	CERAMIC CHIP	220pF	5%	50V
R6792	1-218-887-11	METAL CHIP	47K	0.50%	1/10W	C6953	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V
R6795	1-218-895-11	METAL CHIP	100K	0.50%	1/10W	C6954	1-107-909-11	ELECT	47μF	20%	50V
R6796	1-218-895-11	METAL CHIP	100K	0.50%	1/10W	C6955	1-127-803-91	CERAMIC CHIP	270pF	1%	50V
R6797	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W	C6957	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V
R6798	1-218-837-11	METAL CHIP	390	0.50%	1/10W	C6958	1-112-780-11	CERAMIC CHIP	0.47μF	10%	16V
R6799	1-218-847-11	METAL CHIP	1K	0.50%	1/10W	C6960	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V
TRANSFORMER						C6961	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V
T6600	1-445-419-11	TRANSFORMER, DRIVE				C6963	1-162-959-11	CERAMIC CHIP (KDL-40XBR9 ONLY)	330pF	5%	50V
T6650	8-597-103-00	HV ISOLATING TRANS HIT-1600//M				C6963	1-100-831-91	CERAMIC CHIP (KDL-46XBR9 ONLY)	0.001μF	2%	50V
						C6964	1-114-322-11	CERAMIC CHIP	0.0047μF	10%	50V
						C6965	1-114-811-11	CERAMIC CHIP	0.0033μF	10%	50V
						C6966	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
						C6967	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
						C6968	1-114-813-11	CERAMIC CHIP	1μF	10%	16V
						C6970	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V
						C6971	1-114-331-11	CERAMIC CHIP	4.7μF	10%	10V
						C6972	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V
A-1663-188-B D2N-40 BOARD, COMPLETE (KDL-40XBR9 ONLY)						CONNECTOR					
A-1663-190-B D2N-46 BOARD, COMPLETE (KDL-46XBR9 ONLY)											
2-580-592-01 SCREW, +PSW M3X8						*	CN6800	1-691-291-11	PIN, CONNECTOR (PC BOARD)		5P
						*	CN6903	1-785-708-11	PIN, CONNECTOR (PC BOARD)		12P
CAPACITOR						DIODE					
C6800	1-112-744-61	MYLAR	1μF	10%	450V		D6800	6-501-818-01	DIODE	MA2J1130GLS0	
C6804	1-114-868-11	CERAMIC CHIP	0.1μF	10%	50V		D6801	6-501-818-01	DIODE	MA2J1130GLS0	
C6805	1-114-868-11	CERAMIC CHIP	0.1μF	10%	50V	⚠	D6804	6-501-725-01	DIODE	MAZ8047GLLS0	
C6807	1-112-744-61	MYLAR	1μF	10%	450V	⚠	D6805	6-501-725-01	DIODE	MAZ8047GLLS0	
C6812	1-112-873-11	CERAMIC	100pF	10%	250V	⚠	D6806	8-719-027-76	DIODE	1SS357-TPH3	

NOTE: Les composants identifiés per un trame et une marque  sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifique.

RESISTOR						
	R6801	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6802	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6803	1-220-926-81	FUSIBLE (KDL-46XBR9 ONLY)	0.47	10%	1/2W
	R6804	1-216-818-11	METAL CHIP	560	5%	1/10W
	R6805	1-216-818-11	METAL CHIP	560	5%	1/10W
	R6806	1-216-841-11	METAL CHIP	47K	5%	1/10W
⚠	R6807	1-216-841-11	METAL CHIP	47K	5%	1/10W
	R6808	1-216-857-11	METAL CHIP	1M	5%	1/10W
	R6809	1-216-857-11	METAL CHIP	1M	5%	1/10W
⚠	R6810	1-216-021-00	METAL CHIP (KDL-40XBR9 ONLY)	68	5%	1/10W
⚠	R6810	1-216-308-00	METAL CHIP (KDL-46XBR9 ONLY)	4.7	5%	1/10W
⚠	R6811	1-216-807-11	METAL CHIP (KDL-40XBR9 ONLY)	68	5%	1/10W
⚠	R6811	1-216-793-11	METAL CHIP (KDL-46XBR9 ONLY)	4.7	5%	1/10W
⚠	R6812	1-216-021-00	METAL CHIP (KDL-40XBR9 ONLY)	68	5%	1/10W
⚠	R6812	1-216-308-00	METAL CHIP (KDL-46XBR9 ONLY)	4.7	5%	1/10W
⚠	R6813	1-216-807-11	METAL CHIP (KDL-40XBR9 ONLY)	68	5%	1/10W
⚠	R6813	1-216-793-11	METAL CHIP (KDL-46XBR9 ONLY)	4.7	5%	1/10W
	R6814	1-216-818-11	METAL CHIP	560	5%	1/10W
	R6815	1-216-818-11	METAL CHIP	560	5%	1/10W
⚠	R6816	1-216-841-11	METAL CHIP	47K	5%	1/10W
	R6817	1-216-841-11	METAL CHIP	47K	5%	1/10W
	R6818	1-216-825-11	METAL CHIP	2.2K	5%	1/10W

NOTE: The components identified by shading and $\triangle$ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque $\triangle$ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

D2N **D3N**

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6819	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R6981	1-218-879-11	METAL CHIP	22K	0.50%	1/10W
$\triangle$ R6836	1-249-393-11	CARBON	10	5%	1/4W			(KDL-40XBR9 ONLY)			
R6839	1-218-885-11	METAL CHIP	39K	0.50%	1/10W	R6981	1-218-883-11	METAL CHIP	33K	0.50%	1/10W
		(KDL-40XBR9 ONLY)						(KDL-46XBR9 ONLY)			
R6839	1-218-883-11	METAL CHIP	33K	0.50%	1/10W	R6982	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
		(KDL-46XBR9 ONLY)				R6983	1-218-839-11	METAL CHIP	470	0.50%	1/10W
R6850	1-243-831-71	METAL OXIDE	12	5%	1W			(KDL-40XBR9 ONLY)			
R6905	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R6983	1-218-851-11	METAL CHIP	1.5K	0.50%	1/10W
R6913	1-216-809-11	METAL CHIP	100	5%	1/10W			(KDL-46XBR9 ONLY)			
R6914	1-216-809-11	METAL CHIP	100	5%	1/10W	R6984	1-218-869-11	METAL CHIP	8.2K	0.50%	1/10W
R6915	1-216-820-11	METAL CHIP	820	5%	1/10W	R6984	1-218-859-11	METAL CHIP	3.3K	0.50%	1/10W
$\triangle$ R6916	1-218-446-11	METAL CHIP	1	5%	1/10W	R6985	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6923	1-218-446-11	METAL CHIP	1	5%	1/10W	R6986	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6951	1-216-864-11	SHORT CHIP				R6987	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6952	1-218-877-11	METAL CHIP	18K	0.50%	1/10W	R6989	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6953	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W	R6990	1-218-879-11	METAL CHIP	22K	0.50%	1/10W
R6954	1-216-864-11	SHORT CHIP				R6991	1-218-877-11	METAL CHIP	18K	0.50%	1/10W
R6956	1-218-446-11	METAL CHIP	1	5%	1/10W	R6992	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R6960	1-218-839-11	METAL CHIP	470	0.50%	1/10W	R6995	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
		(KDL-40XBR9 ONLY)				R6996	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6960	1-218-839-11	METAL CHIP	470	0.50%	1/10W	R6997	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
		(KDL-46XBR9 ONLY)				R6998	1-218-837-11	METAL CHIP	390	0.50%	1/10W
R6961	1-218-827-11	METAL CHIP	150	0.50%	1/10W	R6999	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
		(KDL-40XBR9 ONLY)									
R6961	1-211-985-11	METAL CHIP	47	0.50%	1/10W	TRANSFORMER					
		(KDL-46XBR9 ONLY)				T6800	1-445-419-11	TRANSFORMER, DRIVE			
R6962	1-218-887-11	METAL CHIP	47K	0.50%	1/10W	T6850	8-597-103-00	HV ISOLATING TRANS	HIT-1600/M		
R6963	1-218-887-11	METAL CHIP	47K	0.50%	1/10W						
R6965	1-216-845-11	METAL CHIP	100K	5%	1/10W						
R6966	1-216-813-11	METAL CHIP	220	5%	1/10W						
R6967	1-218-887-11	METAL CHIP	47K	0.50%	1/10W						
		(KDL-40XBR9 ONLY)									
R6967	1-218-879-11	METAL CHIP	22K	0.50%	1/10W						
		(KDL-46XBR9 ONLY)									
R6968	1-218-895-11	METAL CHIP	100K	0.50%	1/10W						
		(KDL-40XBR9 ONLY)									
R6968	1-218-903-11	METAL CHIP	220K	0.50%	1/10W						
		(KDL-46XBR9 ONLY)									
R6969	1-218-895-11	METAL CHIP	100K	0.50%	1/10W						
		(KDL-40XBR9 ONLY)									
R6969	1-218-873-11	METAL CHIP	12K	0.50%	1/10W						
		(KDL-46XBR9 ONLY)									
R6978	1-218-887-11	METAL CHIP	47K	0.50%	1/10W						
R6979	1-218-871-11	METAL CHIP	10K	0.50%	1/10W						
		(KDL-40XBR9 ONLY)									
R6979	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W						
		(KDL-46XBR9 ONLY)									

D3N

**A-1663-192-A D3N BOARD, COMPLETE
(KDL-52XBR9 ONLY)**

2-580-592-01 SCREW, +PSW M3X8
7-450-000-14 THREEBOND (TB-1401B) 1KG

CAPACITOR

C6600	1-112-744-61	MYLAR	1μF	10%	450V
C6604	1-114-868-11	CERAMIC CHIP	0.1μF	10%	50V
C6605	1-114-868-11	CERAMIC CHIP	0.1μF	10%	50V
C6612	1-112-873-11	CERAMIC	100pF	10%	250V
C6615	1-107-888-11	ELECT	47μF	20%	25V
C6616	1-112-744-61	MYLAR	1μF	10%	450V
C6619	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V
C6631	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C6632	1-114-326-11	CERAMIC CHIP	0.22μF	10%	25V
C6633	1-114-326-11	CERAMIC CHIP	0.22μF	10%	25V

NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un triangle et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES
C6651	1-114-961-11	CERAMIC CHIP	0.0068μF	10%	50V	CONNECTOR			
C6657	1-114-961-11	CERAMIC CHIP	0.0068μF	10%	50V	*	CN6600	1-691-291-11	PIN, CONNECTOR (PC BOARD) 5P
C6700	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V		CN6650	1-821-935-11	HEADER ASSEMBLY FOR PWB, MDF61
C6701	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V		CN6701	1-785-704-21	PIN, CONNECTOR (PC BOARD) 7P
C6702	1-112-781-11	CERAMIC CHIP	1μF	10%	10V		CN6702	1-778-853-21	PIN, CONNECTOR (PC BOARD) 8P
							CN6703	1-785-708-11	PIN, CONNECTOR (PC BOARD) 12P
C6705	1-127-803-91	CERAMIC CHIP	270pF	1%	50V	DIODE			
C6706	1-112-781-11	CERAMIC CHIP	1μF	10%	10V		D6600	6-501-818-01	DIODE MA2J1130GLS0
C6707	1-114-324-11	CERAMIC CHIP	0.022μF	10%	50V		D6601	6-501-818-01	DIODE MA2J1130GLS0
C6708	1-100-831-91	CERAMIC CHIP	0.001μF	2%	50V	⚠	D6604	6-501-725-01	DIODE MAZ8047GLLS0
C6709	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	⚠	D6605	6-501-725-01	DIODE MAZ8047GLLS0
C6710	1-112-781-11	CERAMIC CHIP	1μF	10%	10V		D6606	8-719-027-76	DIODE 1SS357-TPH3
C6712	1-114-813-11	CERAMIC CHIP	1μF	10%	16V		D6607	8-719-027-76	DIODE 1SS357-TPH3
C6713	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V		D6608	6-501-818-01	DIODE MA2J1130GLS0
C6714	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V		D6609	6-501-818-01	DIODE MA2J1130GLS0
C6715	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	⚠	D6612	8-719-027-76	DIODE 1SS357-TPH3
C6716	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	⚠	D6613	8-719-979-64	DIODE μF4005/23
C6717	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V				
C6718	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	⚠	D6614	8-719-979-64	DIODE μF4005/23
C6719	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V		D6615	6-501-776-01	DIODE MAZ8150GMLS0
C6720	1-107-882-91	ELECT	100μF	20%	16V		D6616	6-501-776-01	DIODE MAZ8150GMLS0
C6721	1-100-831-91	CERAMIC CHIP	0.001μF	2%	50V		D6617	6-501-776-01	DIODE MAZ8150GMLS0
C6722	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V		D6618	8-719-081-67	DIODE M1FM3
C6723	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V				
C6724	1-164-315-11	CERAMIC CHIP	470pF	5%	50V		D6619	8-719-081-67	DIODE M1FM3
C6728	1-107-909-11	ELECT	47μF	20%	50V		D6650	6-502-318-01	DIODE MA4J1130GLS0
C6729	1-162-959-11	CERAMIC CHIP	330pF	5%	50V		D6651	6-501-817-01	DIODE MA2J1110GLS0
C6730	1-114-811-11	CERAMIC CHIP	0.0033μF	10%	50V		D6652	6-502-318-01	DIODE MA4J1130GLS0
C6731	1-114-813-11	CERAMIC CHIP	1μF	10%	16V		D6653	6-501-817-01	DIODE MA2J1110GLS0
C6732	1-114-813-11	CERAMIC CHIP	1μF	10%	16V		D6700	8-719-027-76	DIODE 1SS357-TPH3
C6735	1-114-322-11	CERAMIC CHIP	0.0047μF	10%	50V	⚠	D6701	6-501-724-01	DIODE MAZ8047G0LS0
C6736	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	⚠	D6703	6-501-724-01	DIODE MAZ8047G0LS0
C6737	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V		D6704	6-501-776-01	DIODE MAZ8150GMLS0
C6738	1-100-831-91	CERAMIC CHIP	0.001μF	2%	50V		D6705	6-501-776-01	DIODE MAZ8150GMLS0
C6739	1-114-813-11	CERAMIC CHIP	1μF	10%	16V		D6706	6-501-817-01	DIODE MA2J1110GLS0
C6740	1-114-813-11	CERAMIC CHIP	1μF	10%	16V		D6723	8-719-027-76	DIODE 1SS357-TPH3
C6741	1-100-831-91	CERAMIC CHIP	0.001μF	2%	50V		D6725	6-501-730-01	DIODE MAZ8051GMLS0
C6742	1-114-813-11	CERAMIC CHIP	1μF	10%	16V	FERRITE BEAD			
C6743	1-114-811-11	CERAMIC CHIP	0.0033μF	10%	50V		FB6601	1-412-911-11	FERRITE 0μH
C6745	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V		FB6613	1-410-396-41	FERRITE 0.45μH
C6751	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	IC			
C6752	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	⚠	IC6601	6-713-825-01	IC STR-H7204
							IC6700	6-711-947-01	IC MM1431CURE
						⚠	IC6701	6-713-833-01	IC LX6501DW-TR

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
CHIP CONDUCTOR						R6616	1-216-841-11	METAL CHIP	47K	5%	1/10W
JR6620	1-216-296-11	SHORT CHIP				R6617	1-216-841-11	METAL CHIP	47K	5%	1/10W
JR6701	1-216-296-11	SHORT CHIP				R6618	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
JR6704	1-216-296-11	SHORT CHIP				R6619	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
JR6706	1-216-296-11	SHORT CHIP				⚠ R6636	1-249-393-11	CARBON	10	5%	1/4W
JR6707	1-216-296-11	SHORT CHIP				R6639	1-218-883-11	METAL CHIP	33K	0.50%	1/10W
JR6708	1-216-296-11	SHORT CHIP				R6650	1-215-859-00	METAL OXIDE	22	5%	1W
JR6709	1-216-296-11	SHORT CHIP				R6652	1-215-859-00	METAL OXIDE	22	5%	1W
JR6710	1-216-296-11	SHORT CHIP				R6700	1-216-821-11	METAL CHIP	1K	5%	1/10W
JR6712	1-216-296-11	SHORT CHIP				R6702	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
JR6713	1-216-296-11	SHORT CHIP				R6705	1-216-864-11	SHORT CHIP			
JR6714	1-216-296-11	SHORT CHIP				⚠ R6706	1-218-446-11	METAL CHIP	1	5%	1/10W
JR6716	1-216-296-11	SHORT CHIP				R6707	1-216-864-11	SHORT CHIP			
COIL						R6708	1-216-864-11	SHORT CHIP			
L6600	1-412-535-41	INDUCTOR	68μH			R6710	1-216-793-11	METAL CHIP	4.7	5%	1/10W
L6601	1-457-692-11	LINE FILTER COIL				R6711	1-216-864-11	SHORT CHIP			
TRANSISTOR						⚠ R6716	1-218-446-11	METAL CHIP	1	5%	1/10W
⚠ Q6602	6-551-713-01	TRANSISTOR	2SK3569(LBS1SONY.Q			R6717	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
⚠ Q6603	6-551-713-01	TRANSISTOR	2SK3569(LBS1SONY.Q			R6718	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
⚠ Q6606	6-551-713-01	TRANSISTOR	2SK3569(LBS1SONY.Q			R6719	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
⚠ Q6607	6-551-713-01	TRANSISTOR	2SK3569(LBS1SONY.Q			R6720	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
Q6711	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			R6723	1-216-793-11	METAL CHIP	4.7	5%	1/10W
Q6712	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF			R6724	1-216-841-11	METAL CHIP	47K	5%	1/10W
Q6714	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF			R6725	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
Q6715	8-729-027-43	TRANSISTOR	DTC114EKA-T146			R6726	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
RESISTOR						R6727	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6601	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6728	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6602	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6729	1-216-864-11	SHORT CHIP			
⚠ R6603	1-220-926-81	FUSIBLE	0.47	10%	1/2W	R6731	1-218-905-11	METAL CHIP	270K	0.50%	1/10W
R6604	1-216-818-11	METAL CHIP	560	5%	1/10W	R6732	1-218-901-11	METAL CHIP	180K	0.50%	1/10W
R6605	1-216-818-11	METAL CHIP	560	5%	1/10W	R6734	1-216-864-11	SHORT CHIP			
R6606	1-216-841-11	METAL CHIP	47K	5%	1/10W	R6735	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6607	1-216-841-11	METAL CHIP	47K	5%	1/10W	R6737	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6608	1-216-857-11	METAL CHIP	1M	5%	1/10W	R6738	1-218-893-11	METAL CHIP	82K	0.50%	1/10W
R6609	1-216-857-11	METAL CHIP	1M	5%	1/10W	R6739	1-218-885-11	METAL CHIP	39K	0.50%	1/10W
R6610	1-216-308-00	METAL CHIP	4.7	5%	1/10W	R6740	1-218-875-11	METAL CHIP	15K	0.50%	1/10W
R6611	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R6741	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
R6612	1-216-308-00	METAL CHIP	4.7	5%	1/10W	R6743	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6613	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R6745	1-216-864-11	SHORT CHIP			
R6614	1-216-818-11	METAL CHIP	560	5%	1/10W	R6746	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W
R6615	1-216-818-11	METAL CHIP	560	5%	1/10W	R6750	1-216-864-11	SHORT CHIP			
						R6751	1-216-864-11	SHORT CHIP			
						R6752	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
						R6753	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
						R6754	1-216-864-11	SHORT CHIP			

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D3N **D4N**

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6755	1-216-864-11	SHORT CHIP				C6851	1-114-961-11	CERAMIC CHIP	0.0068μF	10%	50V
R6758	1-218-879-11	METAL CHIP	22K	0.50%	1/10W	C6857	1-114-961-11	CERAMIC CHIP	0.0068μF	10%	50V
R6760	1-218-895-11	METAL CHIP	100K	0.50%	1/10W	C6900	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V
R6761	1-218-881-11	METAL CHIP	27K	0.50%	1/10W	C6901	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
R6762	1-218-891-11	METAL CHIP	68K	0.50%	1/10W	C6902	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V
R6763	1-218-881-11	METAL CHIP	27K	0.50%	1/10W	C6903	1-100-831-91	CERAMIC CHIP	0.001μF	2%	50V
R6764	1-218-865-11	METAL CHIP	5.6K	0.50%	1/10W	C6906	1-127-803-91	CERAMIC CHIP	270pF	1%	50V
R6765	1-216-857-11	METAL CHIP	1M	5%	1/10W	C6907	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
R6766	1-218-871-11	METAL CHIP	10K	0.50%	1/10W	C6908	1-114-324-11	CERAMIC CHIP	0.022μF	10%	50V
R6768	1-218-851-11	METAL CHIP	1.5K	0.50%	1/10W	C6909	1-100-831-91	CERAMIC CHIP	0.001μF	2%	50V
R6770	1-218-847-11	METAL CHIP	1K	0.50%	1/10W	C6910	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V
R6771	1-218-859-11	METAL CHIP	3.3K	0.50%	1/10W	C6911	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
R6772	1-218-857-11	METAL CHIP	2.7K	0.50%	1/10W	C6912	1-114-813-11	CERAMIC CHIP	1μF	10%	16V
R6773	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W	C6913	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
R6774	1-218-879-11	METAL CHIP	22K	0.50%	1/10W	C6914	1-114-811-11	CERAMIC CHIP	0.0033μF	10%	50V
R6775	1-218-895-11	METAL CHIP	100K	0.50%	1/10W	C6915	1-114-813-11	CERAMIC CHIP	1μF	10%	16V
R6777	1-216-833-11	METAL CHIP	10K	5%	1/10W	C6916	1-114-813-11	CERAMIC CHIP	1μF	10%	16V
R6778	1-216-833-11	METAL CHIP	10K	5%	1/10W	C6917	1-114-322-11	CERAMIC CHIP	0.0047μF	10%	50V
R6779	1-216-809-11	METAL CHIP	100	5%	1/10W	C6918	1-114-813-11	CERAMIC CHIP	1μF	10%	16V
R6780	1-216-864-11	SHORT CHIP				C6919	1-114-813-11	CERAMIC CHIP	1μF	10%	16V
R6781	1-216-864-11	SHORT CHIP				C6920	1-114-326-11	CERAMIC CHIP	0.22μF	10%	25V
TRANSFORMER						C6921	1-107-909-11	ELECT	47μF	20%	50V
T6600	1-445-419-11	TRANSFORMER, DRIVE				C6922	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
T6650	8-597-109-00	HV ISOLATING TRANS HIT-1308/Q				C6923	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V
						C6925	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V
						C6929	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V
						C6931	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
						C6942	1-114-813-11	CERAMIC CHIP	1μF	10%	16V
						C6943	1-114-811-11	CERAMIC CHIP	0.0033μF	10%	50V
						C6951	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
D4N						CONNECTOR					
A-1663-194-A	D4N BOARD, COMPLETE (KDL-52XBR9 ONLY)					* CN6800	1-691-291-11	PIN, CONNECTOR (PC BOARD)		5P	
2-580-592-01	SCREW, +PSW M3X8					CN6850	1-821-935-11	HEADER ASSEMBLY FOR PWB, MDF61			
CAPACITOR						* CN6903	1-785-708-11	PIN, CONNECTOR (PC BOARD)		12P	
C6800	1-112-744-61	MYLAR	1μF	10%	450V	DIODE					
C6804	1-114-868-11	CERAMIC CHIP	0.1μF	10%	50V	D6800	6-501-818-01	DIODE	MA2J1130GLS0		
C6805	1-114-868-11	CERAMIC CHIP	0.1μF	10%	50V	D6801	6-501-818-01	DIODE	MA2J1130GLS0		
C6812	1-112-873-11	CERAMIC	100pF	10%	250V	⚠ D6804	6-501-725-01	DIODE	MAZ8047GLLS0		
C6815	1-107-888-11	ELECT	47μF	20%	25V	⚠ D6805	6-501-725-01	DIODE	MAZ8047GLLS0		
C6816	1-112-744-61	MYLAR	1μF	10%	450V	D6806	8-719-027-76	DIODE	1SS357-TPH3		
C6819	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	D6807	8-719-027-76	DIODE	1SS357-TPH3		
C6831	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	D6808	6-501-818-01	DIODE	MA2J1130GLS0		
C6832	1-114-326-11	CERAMIC CHIP	0.22μF	10%	25V	D6809	6-501-818-01	DIODE	MA2J1130GLS0		
C6833	1-114-326-11	CERAMIC CHIP	0.22μF	10%	25V						

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REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES	
	D6812	8-719-027-76	DIODE	TRANSISTOR				
	D6813	8-719-979-64	DIODE		Q6802	6-551-713-01	TRANSISTOR	2SK3569(LBS1SONY.Q
	D6814	8-719-979-64	DIODE		Q6803	6-551-713-01	TRANSISTOR	2SK3569(LBS1SONY.Q
	D6815	6-501-776-01	DIODE		Q6806	6-551-713-01	TRANSISTOR	2SK3569(LBS1SONY.Q
	D6816	6-501-776-01	DIODE		Q6807	6-551-713-01	TRANSISTOR	2SK3569(LBS1SONY.Q
	D6817	6-501-776-01	DIODE	RESISTOR				
	D6818	8-719-081-67	DIODE		R6801	1-216-833-11	METAL CHIP	10K 5% 1/10W
	D6819	8-719-081-67	DIODE		R6802	1-216-833-11	METAL CHIP	10K 5% 1/10W
	D6850	6-502-318-01	DIODE		R6803	1-220-926-81	FUSIBLE	0.47 10% 1/2W
	D6851	6-501-817-01	DIODE		R6804	1-216-818-11	METAL CHIP	560 5% 1/10W
	D6852	6-502-318-01	DIODE		R6805	1-216-818-11	METAL CHIP	560 5% 1/10W
	D6853	6-501-817-01	DIODE		R6806	1-216-841-11	METAL CHIP	47K 5% 1/10W
	D6900	8-719-027-76	DIODE		R6807	1-216-841-11	METAL CHIP	47K 5% 1/10W
	D6901	6-501-724-01	DIODE		R6808	1-216-857-11	METAL CHIP	1M 5% 1/10W
	D6903	6-501-724-01	DIODE		R6809	1-216-857-11	METAL CHIP	1M 5% 1/10W
	D6904	6-501-776-01	DIODE		R6810	1-216-308-00	METAL CHIP	4.7 5% 1/10W
	D6905	6-501-776-01	DIODE		R6811	1-216-793-11	METAL CHIP	4.7 5% 1/10W
	D6906	6-501-817-01	DIODE		R6812	1-216-308-00	METAL CHIP	4.7 5% 1/10W
	D6907	6-501-817-01	DIODE		R6813	1-216-793-11	METAL CHIP	4.7 5% 1/10W
	D6908	8-719-027-76	DIODE		R6814	1-216-818-11	METAL CHIP	560 5% 1/10W
	D6925	6-501-730-01	DIODE		R6815	1-216-818-11	METAL CHIP	560 5% 1/10W
FERRITE BEAD					R6816	1-216-841-11	METAL CHIP	47K 5% 1/10W
	FB6811	1-412-911-11	FERRITE		R6817	1-216-841-11	METAL CHIP	47K 5% 1/10W
	FB6813	1-410-396-41	FERRITE		R6818	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
IC					R6819	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
	IC6801	6-713-825-01	IC		R6836	1-249-393-11	CARBON	10 5% 1/4W
	IC6900	6-711-947-01	IC		R6839	1-218-883-11	METAL CHIP	33K 0.50% 1/10W
	IC6901	6-713-833-01	IC		R6850	1-215-859-00	METAL OXIDE	22 5% 1W
CHIP CONDUCTOR					R6852	1-215-859-00	METAL OXIDE	22 5% 1W
	JR6901	1-216-296-11	SHORT CHIP		R6854	1-218-871-11	METAL CHIP	10K 0.50% 1/10W
	JR6902	1-216-296-11	SHORT CHIP		R6855	1-218-871-11	METAL CHIP	10K 0.50% 1/10W
	JR6903	1-216-296-11	SHORT CHIP		R6900	1-216-821-11	METAL CHIP	1K 5% 1/10W
	JR6904	1-216-296-11	SHORT CHIP		R6901	1-218-867-11	METAL CHIP	6.8K 0.50% 1/10W
	JR6905	1-216-296-11	SHORT CHIP		R6903	1-216-857-11	METAL CHIP	1M 5% 1/10W
	JR6906	1-216-296-11	SHORT CHIP		R6904	1-218-871-11	METAL CHIP	10K 0.50% 1/10W
	JR6907	1-216-296-11	SHORT CHIP		R6905	1-216-793-11	METAL CHIP	4.7 5% 1/10W
	JR6908	1-216-296-11	SHORT CHIP		R6908	1-218-879-11	METAL CHIP	22K 0.50% 1/10W
	JR6909	1-216-296-11	SHORT CHIP		R6909	1-218-871-11	METAL CHIP	10K 0.50% 1/10W
COIL					R6910	1-218-861-11	METAL CHIP	3.9K 0.50% 1/10W
	L6800	1-412-535-41	INDUCTOR		R6911	1-218-847-11	METAL CHIP	1K 0.50% 1/10W
	L6801	1-457-692-11	LINE FILTER COIL		R6912	1-218-883-11	METAL CHIP	33K 0.50% 1/10W

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D4N **G6N**

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES			
⚠	R6914	1-216-864-11	SHORT CHIP			G6N						
	R6916	1-218-446-11	METAL CHIP	1	5%		1/10W					
	R6917	1-218-895-11	METAL CHIP	100K	0.50%		1/10W					
	R6918	1-218-891-11	METAL CHIP	68K	0.50%		1/10W					
	R6919	1-218-881-11	METAL CHIP	27K	0.50%		1/10W					
R6920	1-218-881-11	METAL CHIP	27K	0.50%	1/10W		A-1663-218-A	G6N BOARD, COMPLETE (KDL-40XBR9 ONLY)				
R6921	1-218-865-11	METAL CHIP	5.6K	0.50%	1/10W		2-580-592-01	SCREW, +PSW M3X8				
R6922	1-218-871-11	METAL CHIP	10K	0.50%	1/10W		CAPACITOR					
R6923	1-216-864-11	SHORT CHIP					C6003	1-114-595-11	FILM	0.47μF	10%	310V
R6925	1-216-857-11	METAL CHIP	1M	5%	1/10W		C6006	1-112-876-51	CERAMIC	470pF	10%	250V
R6926	1-218-895-11	METAL CHIP	100K	0.50%	1/10W	C6007	1-112-874-51	CERAMIC	220pF	10%	250V	
R6927	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W	C6010	1-112-876-51	CERAMIC	470pF	10%	250V	
R6928	1-218-857-11	METAL CHIP	2.7K	0.50%	1/10W	C6011	1-112-874-51	CERAMIC	220pF	10%	250V	
R6929	1-218-851-11	METAL CHIP	1.5K	0.50%	1/10W							
R6930	1-216-864-11	SHORT CHIP				C6018	1-114-594-11	FILM	0.22μF	10%	310V	
R6931	1-216-864-11	SHORT CHIP				C6019	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	
R6932	1-218-857-11	METAL CHIP	2.7K	0.50%	1/10W	C6021	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	
R6933	1-216-833-11	METAL CHIP	10K	5%	1/10W	C6100	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	
R6934	1-216-844-11	METAL CHIP	82K	5%	1/10W	C6101	1-100-831-91	CERAMIC CHIP	0.001μF	2%	50V	
R6935	1-218-903-11	METAL CHIP	220K	0.50%	1/10W							
R6936	1-218-847-11	METAL CHIP	1K	0.50%	1/10W	C6102	1-107-906-11	ELECT	10μF	20%	50V	
R6937	1-218-847-11	METAL CHIP	1K	0.50%	1/10W	C6103	1-107-905-11	ELECT	4.7μF	20%	50V	
R6938	1-216-864-11	SHORT CHIP				C6106	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	
R6939	1-218-875-11	METAL CHIP	15K	0.50%	1/10W	C6108	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	
R6940	1-218-883-11	METAL CHIP	33K	0.50%	1/10W	C6110	1-112-481-11	CERAMIC	470pF	10%	1KV	
R6941	1-218-873-11	METAL CHIP	12K	0.50%	1/10W							
R6942	1-216-864-11	SHORT CHIP				C6111	1-100-732-11	FILM	0.018μF	3%	1KV	
R6943	1-216-864-11	SHORT CHIP				C6113	1-114-868-11	CERAMIC CHIP	0.1μF	10%	50V	
R6944	1-218-871-11	METAL CHIP	10K	0.50%	1/10W	C6122	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	
R6945	1-218-885-11	METAL CHIP	39K	0.50%	1/10W	C6124	1-100-831-91	CERAMIC CHIP	0.001μF	2%	50V	
R6946	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W	C6126	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	
R6947	1-216-864-11	SHORT CHIP										
R6949	1-216-809-11	METAL CHIP	100	5%	1/10W	C6150	1-114-328-11	CERAMIC CHIP	0.047μF	10%	50V	
R6951	1-216-864-11	SHORT CHIP				C6151	1-114-324-11	CERAMIC CHIP	0.022μF	10%	50V	
R6954	1-216-864-11	SHORT CHIP				C6152	1-112-231-21	ELECT	2200μF	20%	16V	
R6978	1-216-833-11	METAL CHIP	10K	5%	1/10W	C6153	1-112-231-21	ELECT	2200μF	20%	16V	
R6979	1-216-833-11	METAL CHIP	10K	5%	1/10W	C6154	1-128-949-31	ELECT	470μF	20%	16V	
R6980	1-216-864-11	SHORT CHIP										
TRANSFORMER						C6155	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	
T6800	1-445-419-11	TRANSFORMER, DRIVE				C6159	1-112-835-11	ELECT	3300μF	20%	25V	
T6850	8-597-109-00	HV ISOLATING TRANS HIT-1308/Q				C6161	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	
						C6200	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	
						C6201	1-162-927-11	CERAMIC CHIP	100pF	5%	50V	
						C6202	1-107-902-11	ELECT	1μF	20%	50V	
						C6203	1-100-139-31	FILM	0.001μF	5%	630V	
						C6204	1-107-903-11	ELECT	2.2μF	20%	50V	
						C6205	1-107-910-11	ELECT	100μF	20%	50V	
						C6206	1-100-831-91	CERAMIC CHIP	0.001μF	2%	50V	

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G6N

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C6207	1-114-329-11	CERAMIC CHIP	0.47μF	10%	50V	DIODE					
C6250	1-128-949-31	ELECT	470μF	20%	16V	⚠	D6000	8-719-026-63	DIODE	D10XB60S	
C6251	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	⚠	D6003	6-502-318-01	DIODE	MA4J1130GLS0	
C6301	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V		D6103	8-719-979-64	DIODE	μF4005/23	
C6302	1-107-906-11	ELECT	10μF	20%	50V		D6104	8-719-081-67	DIODE	M1FM3	
							D6201	6-502-380-01	DIODE	AB01BV1	
C6304	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V		D6202	6-501-817-01	DIODE	MA2J1110GLS0	
C6305	1-114-326-11	CERAMIC CHIP	0.22μF	10%	25V		D6203	6-500-567-31	DIODE	10ERB20-TB3	
C6311	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V		D6204	6-500-567-31	DIODE	10ERB20-TB3	
C6317	1-100-831-91	CERAMIC CHIP	0.001μF	2%	50V		D6212	6-501-817-01	DIODE	MA2J1110GLS0	
C6400	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V		D6250	6-501-526-01	DIODE	D1NS6-TR2	
C6402	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V		D6301	6-501-747-01	DIODE	MAZ8075GMLS0	
C6407	1-100-912-11	CERAMIC CHIP	1μF	10%	25V		D6305	6-501-817-01	DIODE	MA2J1110GLS0	
C6408	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V		D6400	6-501-774-01	DIODE	MAZ8150GOLS0	
C6410	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V		D6401	8-719-027-76	DIODE	1SS357-TPH3	
C6502	1-107-906-11	ELECT	10μF	20%	50V		D6503	6-501-817-01	DIODE	MA2J1110GLS0	
C6503	1-112-876-51	CERAMIC	470pF	10%	250V	⚠	D6504	6-501-769-01	DIODE	MAZ8120GHLS0	
C6506	1-107-906-11	ELECT	10μF	20%	50V	*	D6510	8-719-055-38	DIODE	SF5L60	
C6507	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V		D6511	6-502-378-01	DIODE	MA22F2000LS0	
C6512	1-114-747-11	FILM	2.2μF	5%	450V		D6513	8-719-027-76	DIODE	1SS357-TPH3	
C6513	1-114-747-11	FILM	2.2μF	5%	450V		D6514	6-501-817-01	DIODE	MA2J1110GLS0	
C6514	1-112-780-11	CERAMIC CHIP	0.47μF	10%	16V	FUSE					
C6515	1-114-324-11	CERAMIC CHIP	0.022μF	10%	50V	⚠	F6001	1-523-043-51	FUSE	6.3MA	250V
C6516	1-112-483-11	CERAMIC	0.001μF	10%	1KV	FERRITE BEAD					
C6517	1-112-483-11	CERAMIC	0.001μF	10%	1KV		FB6000	1-414-793-21	FERRITE	0μH	
C6519	1-114-322-11	CERAMIC CHIP	0.0047μF	10%	50V		FB6001	1-414-793-21	FERRITE	0μH	
							FB6100	1-412-911-11	FERRITE	0μH	
C6520	1-114-811-11	CERAMIC CHIP	0.0033μF	10%	50V		FB6101	1-412-911-11	FERRITE	0μH	
C6521	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V		FB6500	1-412-911-11	FERRITE	0μH	
C6522	1-112-481-11	CERAMIC	470pF	10%	1KV		FB6501	1-412-911-11	FERRITE	0μH	
C6523	1-112-481-11	CERAMIC	470pF	10%	1KV		FB6504	1-412-911-11	FERRITE	0μH	
C6524	1-162-919-11	CERAMIC CHIP	22pF	5%	50V	IC					
C6526	1-107-908-11	ELECT	33μF	20%	50V		IC6150	6-711-947-01	IC	MM1431CURE	
C6527	1-114-868-11	CERAMIC CHIP	0.1μF	10%	50V	⚠	IC6200	6-708-801-01	IC	MIP2H2	
CONNECTOR							IC6300	6-713-007-01	IC	MM3313AFFE	
*	CN6005	1-793-660-11	PIN, CONNECTOR (PC BOARD)			⚠	IC6501	6-709-192-01	IC	FA5501AN-D1-TE1	
*	CN6100	1-793-235-11	PIN, CONNECTOR (PC BOARD)				CHIP CONDUCTOR				
	CN6101	1-785-705-11	PIN, CONNECTOR (PC BOARD)			JR6005	1-216-864-11	SHORT CHIP			
*	CN6102	1-785-704-21	PIN, CONNECTOR (PC BOARD)			JR6006	1-216-296-11	SHORT CHIP			
*	CN6103	1-778-853-21	PIN, CONNECTOR (PC BOARD)			JR6007	1-216-864-11	SHORT CHIP			
						JR6008	1-216-296-11	SHORT CHIP			
*	CN6500	1-691-291-11	PIN, CONNECTOR (PC BOARD)			JR6009	1-216-864-11	SHORT CHIP			
*	CN6501	1-691-291-11	PIN, CONNECTOR (PC BOARD)								

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G6N

REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
JR6010	1-216-296-11	SHORT CHIP		R6019	1-246-389-11	METAL CHIP	560K 0.50% 1/4W
JR6011	1-216-296-11	SHORT CHIP		$\triangle$ R6022	1-246-385-11	WIREWOUND	6.8 5% 8/5W
JR6016	1-216-296-11	SHORT CHIP		R6100	1-218-899-11	METAL CHIP	150K 0.50% 1/10W
JR6017	1-216-296-11	SHORT CHIP		R6103	1-218-877-11	METAL CHIP	18K 0.50% 1/10W
JR6018	1-216-296-11	SHORT CHIP		R6104	1-216-857-11	METAL CHIP	1M 5% 1/10W
JR6019	1-216-296-11	SHORT CHIP		R6109	1-208-828-11	METAL CHIP	82K 0.50% 1/10W
JR6020	1-216-296-11	SHORT CHIP		R6110	1-216-864-11	SHORT CHIP	
JR6021	1-216-296-11	SHORT CHIP		R6111	1-218-903-11	METAL CHIP	220K 0.50% 1/10W
JR6022	1-216-296-11	SHORT CHIP		$\triangle$ R6112	1-216-793-11	METAL CHIP	4.7 5% 1/10W
JR6023	1-216-296-11	SHORT CHIP		R6113	1-216-864-11	SHORT CHIP	
JR6024	1-216-296-11	SHORT CHIP		$\triangle$ R6114	1-211-981-11	METAL CHIP	33 0.50% 1/10W
COIL				R6115	1-216-013-00	METAL CHIP	33 5% 1/10W
L6000	1-457-691-11	LINE FILTER COIL		R6116	1-216-013-00	METAL CHIP	33 5% 1/10W
L6001	1-457-472-11	LINE FILTER COIL		R6117	1-216-833-11	METAL CHIP	10K 5% 1/10W
L6151	1-457-239-11	INDUCTOR	4.7 μ H	R6118	1-216-833-11	METAL CHIP	10K 5% 1/10W
L6400	1-414-183-41	INDUCTOR	10 μ H	R6120	1-216-361-00	METAL OXIDE	0.22 5% 2W
L6500	1-457-626-11	INDUCTOR	260 μ H	R6121	1-218-855-11	METAL CHIP	2.2K 0.50% 1/10W
L6501	1-457-776-11	INDUCTOR	165 μ H	R6123	1-216-361-00	METAL OXIDE	0.22 5% 2W
PHOTO COUPLER				R6126	1-216-864-11	SHORT CHIP	
PH6100	6-600-276-01	PHOTO COUPLER	PS2561AL1-1-V-W	R6127	1-216-864-11	SHORT CHIP	
PH6200	6-600-276-01	PHOTO COUPLER	PS2561AL1-1-V-W	R6131	1-218-827-11	METAL CHIP	150 0.50% 1/10W
PH6300	6-600-276-01	PHOTO COUPLER	PS2561AL1-1-V-W	R6150	1-216-819-11	METAL CHIP	680 5% 1/10W
PH6302	6-600-276-01	PHOTO COUPLER	PS2561AL1-1-V-W	R6151	1-216-821-11	METAL CHIP	1K 5% 1/10W
TRANSISTOR				R6152	1-216-821-11	METAL CHIP	1K 5% 1/10W
$\triangle$ Q6300	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE	R6153	1-216-864-11	SHORT CHIP	
Q6302	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	R6154	1-218-877-11	METAL CHIP	18K 0.50% 1/10W
Q6305	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	R6155	1-218-823-11	METAL CHIP	100 0.50% 1/10W
Q6400	6-551-866-01	TRANSISTOR	RT1N14BC-TP-1	R6156	1-218-863-11	METAL CHIP	4.7K 0.50% 1/10W
Q6402	6-551-865-01	TRANSISTOR	RT1P14BC-TP-1	R6157	1-216-841-11	METAL CHIP	47K 5% 1/10W
Q6403	6-551-866-01	TRANSISTOR	RT1N14BC-TP-1	R6158	1-216-833-11	METAL CHIP	10K 5% 1/10W
Q6404	6-551-866-01	TRANSISTOR	RT1N14BC-TP-1	R6159	1-216-793-11	METAL CHIP	4.7 5% 1/10W
Q6502	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE	$\triangle$ R6200	1-246-188-51	FUSIBLE	10 5% 1/2W
$\triangle$ Q6506	8-729-055-50	TRANSISTOR	2SC4357-T11-1E	R6201	1-218-865-11	METAL CHIP	5.6K 0.50% 1/10W
RESISTOR				R6202	1-243-725-71	METAL OXIDE	100K 5% 1W
R6010	1-216-857-11	METAL CHIP	1M 5% 1/10W	R6203	1-249-385-11	CARBON	2.2 5% 1/4W
R6012	1-216-857-11	METAL CHIP	1M 5% 1/10W	R6229	1-218-879-11	METAL CHIP	22K 0.50% 1/10W
R6015	1-246-389-11	METAL CHIP	560K 0.50% 1/4W	R6250	1-216-821-11	METAL CHIP	1K 5% 1/10W
R6017	1-208-830-11	METAL CHIP	100K 0.50% 1/10W	R6251	1-216-827-11	METAL CHIP	3.3K 5% 1/10W
R6018	1-208-846-11	METAL CHIP	470K 0.50% 1/10W	R6252	1-216-805-11	METAL CHIP	47 5% 1/10W
				R6253	1-218-887-11	METAL CHIP	47K 0.50% 1/10W
				R6254	1-218-871-11	METAL CHIP	10K 0.50% 1/10W
				R6255	1-218-867-11	METAL CHIP	6.8K 0.50% 1/10W
				R6301	1-218-905-11	METAL CHIP	270K 0.50% 1/10W
				R6302	1-216-857-11	METAL CHIP	1M 5% 1/10W
				R6303	1-218-891-11	METAL CHIP	68K 0.50% 1/10W

NOTE: The components identified by shading and $\triangle$ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque $\triangle$ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

G6N **G7N**

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6307	1-216-837-11	METAL CHIP	22K	5%	1/10W	R6524	1-215-882-00	METAL OXIDE	22	5%	2W
R6308	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W	R6525	1-249-397-11	CARBON	22	5%	1/4W
R6309	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6527	1-208-758-11	METAL CHIP	100	0.50%	1/10W
R6310	1-216-837-11	METAL CHIP	22K	5%	1/10W	R6528	1-218-907-11	METAL CHIP	330K	0.50%	1/10W
R6311	1-216-841-11	METAL CHIP	47K	5%	1/10W	R6530	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6312	1-218-891-11	METAL CHIP	68K	0.50%	1/10W	R6531	1-216-809-11	METAL CHIP	100	5%	1/10W
R6313	1-218-913-91	METAL CHIP	560K	0.50%	1/10W	R6532	1-218-893-11	METAL CHIP	82K	0.50%	1/10W
R6314	1-218-891-11	METAL CHIP	68K	0.50%	1/10W	R6535	1-208-850-11	METAL CHIP	680K	0.50%	1/10W
R6316	1-218-897-11	METAL CHIP	120K	0.50%	1/10W	R6536	1-208-842-11	METAL CHIP	330K	0.50%	1/10W
R6319	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R6537	1-208-846-11	METAL CHIP	470K	0.50%	1/10W
R6321	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W	R6538	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R6322	1-208-845-11	METAL CHIP	430K	0.50%	1/10W	$\triangle$ R6557	1-220-926-81	FUSIBLE	0.47	10%	1/2W
R6323	1-218-899-11	METAL CHIP	150K	0.50%	1/10W	R6558	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6324	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6559	1-249-401-11	CARBON	47	5%	1/4W
R6326	1-216-864-11	SHORT CHIP				R6560	1-208-848-11	METAL CHIP	560K	0.50%	1/10W
R6333	1-216-809-11	METAL CHIP	100	5%	1/10W	R6562	1-216-864-11	SHORT CHIP			
R6335	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R6563	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6336	1-216-793-11	METAL CHIP	4.7	5%	1/10W	TRANSFORMER					
R6400	1-216-864-11	SHORT CHIP				T6100	1-445-426-11	CONVERTER TRANSFORMER (PIT)			
R6402	1-216-864-11	SHORT CHIP				T6200	1-445-430-11	CONVERTER TRANSFORMER (SBT)			
R6403	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	THERMISTOR					
R6404	1-216-837-11	METAL CHIP	22K	5%	1/10W	TH6300	1-809-789-71	THERMISTOR, POSITIVE			
R6406	1-216-817-11	METAL CHIP	470	5%	1/10W	VARISTOR					
R6407	1-216-864-11	SHORT CHIP				VD6000	1-804-996-21	VARISTOR			
R6408	1-216-821-11	METAL CHIP	1K	5%	1/10W	VD6001	1-804-996-21	VARISTOR			
R6410	1-216-833-11	METAL CHIP	10K	5%	1/10W	G7N					
R6414	1-216-821-11	METAL CHIP	1K	5%	1/10W	1-487-341-11 G7N BOARD, COMPLETE (POWER UNIT) (KDL-46XBR9/52XBR9 ONLY)					
R6418	1-216-821-11	METAL CHIP	1K	5%	1/10W	This board is manufactured by a 3rd party. Component level repair information is not available.					
R6421	1-216-821-11	METAL CHIP	1K	5%	1/10W						
R6500	1-249-401-11	CARBON	47	5%	1/4W						
R6501	1-208-822-11	METAL CHIP	47K	0.50%	1/10W						
R6502	1-249-389-11	CARBON	4.7	5%	1/4W						
R6510	1-218-871-11	METAL CHIP	10K	0.50%	1/10W						
R6511	1-216-823-11	METAL CHIP	1.5K	5%	1/10W						
R6512	1-216-864-11	SHORT CHIP									
R6513	1-215-880-00	METAL OXIDE	10	5%	2W						
R6514	1-218-885-11	METAL CHIP	39K	0.50%	1/10W						
R6516	1-246-388-11	METAL	0.1	5%	5W						
R6517	1-216-833-11	METAL CHIP	10K	5%	1/10W						
R6518	1-216-803-11	METAL CHIP	33	5%	1/10W						
R6519	1-216-864-11	SHORT CHIP									
R6520	1-216-811-11	METAL CHIP	150	5%	1/10W						
R6521	1-216-804-11	METAL CHIP	39	5%	1/10W						
R6522	1-216-833-11	METAL CHIP	10K	5%	1/10W						
R6523	1-216-809-11	METAL CHIP	100	5%	1/10W						

HL5

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
HL5						R306	1-218-949-11	METAL CHIP	470	5%	1/16W
A-1643-039-A HL5 BOARD, MOUNTED						R307	1-218-990-81	SHORT CHIP			
						R308	1-218-955-11	METAL CHIP	1.5K	5%	1/16W
CAPACITOR						R309	1-218-937-11	METAL CHIP	47	5%	1/16W
						R311	1-218-990-81	SHORT CHIP			
C302	1-112-068-11	CERAMIC CHIP	220pF	10%	50V	R312	1-218-985-11	METAL CHIP	470K	5%	1/16W
C303	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V	R313	1-218-965-11	METAL CHIP	10K	5%	1/16W
C304	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	R314	1-218-971-11	METAL CHIP	33K	5%	1/16W
C306	1-114-399-21	ELECT CHIP	47µF	20%	6.3V	R316	1-218-953-11	METAL CHIP	1K	5%	1/16W
C307	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V	ACCESSORIES AND PACKING					
C308	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V	*	4-129-944-11	BAG, PROTECTION (KDL-46XBR9 ONLY)			
CONNECTOR						*	3-268-497-01	BAG, PROTECTION (KDL-52XBR9 ONLY)			
* CN301	1-821-137-11	HEADER ASSEMBLY FOR PWB				*	3-290-788-11	BAG, PROTECTION (40) (KDL-40XBR9 ONLY)			
DIODE						*	3-287-548-11	BAG, PROTECTION (STAND) (KDL-40XBR9 ONLY)			
D301	6-502-615-01	DIODE	SML-Z14MTT86A			*	4-117-034-01	BAG, PROTECTION (STAND) (KDL-46XBR9 ONLY)			
D302	6-502-755-01	DIODE	SML-Z14YTT86A			*	4-130-116-01	CARTON, INDIVIDUAL (40) (KDL-40XBR9 ONLY)			
D303	6-502-615-01	DIODE	SML-Z14MTT86A			*	4-130-133-01	CARTON, INDIVIDUAL (46) (KDL-46XBR9 ONLY)			
D304	6-502-609-01	DIODE	SML-Z14VTT86A			*	4-130-140-01	CARTON, INDIVIDUAL (52) (KDL-52XBR9 ONLY)			
D305	6-502-755-01	DIODE	SML-Z14YTT86A			*	4-130-115-01	CUSHION, LOWER (40) (KDL-40XBR9 ONLY)			
D307	6-501-732-01	DIODE	MAZ8056G0LS0			*	4-130-132-01	CUSHION, LOWER (46) (KDL-46XBR9 ONLY)			
IC						*	4-130-138-01	CUSHION, LOWER (52) (KDL-52XBR9 ONLY)			
IC301	6-600-681-01	IC	RS-770N			*	4-132-666-01	CUSHION, BLOCK (REAR) (KDL-52XBR9 ONLY)			
PHOTO COUPLER						*	4-130-114-01	CUSHION, UPPER (40) (KDL-40XBR9 ONLY)			
PH301	6-600-680-01	PHOTO DIODE	BH1690FVC-TR			*	4-130-131-01	CUSHION, UPPER (46) (KDL-46XBR9 ONLY)			
TRANSISTOR						*	4-130-136-01	CUSHION, UPPER (52) (KDL-52XBR9 ONLY)			
Q301	6-551-815-01	TRANSISTOR	UNR52A1G0LS0				3-299-071-01	FLYER, SAFETY			
Q302	6-551-815-01	TRANSISTOR	UNR52A1G0LS0				4-140-830-11	GUIDE, QUICK SETUP (ENGLISH VERSION)			
Q303	6-551-815-01	TRANSISTOR	UNR52A1G0LS0				4-140-830-21	GUIDE, QUICK SETUP (FRENCH VERSION)			
Q304	6-551-815-01	TRANSISTOR	UNR52A1G0LS0				4-140-830-31	GUIDE, QUICK SETUP (SPANISH VERSION)			
Q305	6-551-815-01	TRANSISTOR	UNR52A1G0LS0								
Q306	6-551-775-01	TRANSISTOR	2SA2122G0LS0								
RESISTOR											
R301	1-208-871-81	METAL CHIP	220	0.50%	1/16W						
R302	1-208-883-81	METAL CHIP	680	0.50%	1/16W						
R303	1-208-871-81	METAL CHIP	220	0.50%	1/16W						
R304	1-208-683-11	METAL CHIP	1K	0.50%	1/16W						
R305	1-208-883-81	METAL CHIP	680	0.50%	1/16W						

NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
	4-140-826-11	MANUAL, INSTRUCTION (ENGLISH VERSION)		MISCELLANEOUS			
	4-140-826-21	MANUAL, INSTRUCTION (FRENCH VERSION)		3-299-858-01		CLAMP, WIRE	
	4-140-826-31	MANUAL, INSTRUCTION (SPANISH VERSION)		4-106-726-01		LOCK, PUSH	
	1-835-143-11	POWER-SUPPLY CORD		X-2342-671-2		SCREW BAG ASSEMBLY (KDL-40XBR9/46XBR9 ONLY)	
*	3-274-931-71	SHEET, PROTECTION		Contains the 3 items listed below			
*	4-130-134-01	TRAY (52) (KDL-52XBR9 ONLY)		2-580-608-01		SCREW, +PSW M5X16	
				4-127-151-02		INSTRUCTION, STAND	
				4-135-806-01		BAG, SCREW	
				2-580-607-01		SCREW, +PSW M5X12 (SCREWS TO ATTACH TABLE-TOP STAND TO TV)	
				For product protection and safety reasons, Sony strongly recommends that you use the screws provided with the TV.			
				CAUTION: These screws cannot be used to secure the TV to Wall Mount Brackets.			
				X-2348-140-2		SUPPORT BELT KIT	
				Contains the 3 items listed below			
				2-580-604-01		SCREW, +PSW M4X20	
				2-580-663-02		SCREW, WOOD 3.8X20	
				4-133-849-02		BELT, FALL LOCK	
				7-632-452-24		TAPE (NO.303) 18MMX35M YEL	
				REMOTE COMMANDER			
				1-487-200-11		REMOTE COMMANDER (RM-YD029)	
				9-885-131-64		BATTERY COVER, SLIDE (RM-YD029)	

Sony Corporation
Sony Technology Center
Technical Services
Service Promotion Department

9-883-821-03

KDL-40XBR9/46XBR9/52XBR9

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APPENDIX A: ENCRYPTION KEY COMPONENTS

Encryption key components developed by Sony Corporation contain confidential information, and shall be handled under the non-disclosure obligations provided in the applicable agreement with Sony Corporation (and/or its subsidiary).

As part of this agreement specific instructions must be adhered to whenever a Circuit Board containing encryption key components is repaired and/or replaced pursuant to the following:

- 1) In the service manual the Circuit Board(s) containing encryption key components shall be identified with a **red outline and a .**
- 2) Only repair boards or components listed in the service manual shall be utilized for replacement and/or repair.
- 3) Disassembly, decryption, or reverse-engineering component(s) is strictly prohibited.
- 4) Any board in which the Servicer replaces an encryption key component must be placed back into the set it originally came from and the replaced defective component **MUST BE DESTROYED**. Boards cannot be swapped.
- 5) If a Circuit Board identified with a **red outline and a .** in the service manual is deemed to be defective:
 - a) and if a core charge is imposed and is covered under the product warranty, the defective un-repaired or modified board **MUST BE RETURNED** to Sony.
 - b) and if the core charge is **NOT** covered under the product warranty, the defective un-repaired or modified board **MUST BE DESTROYED**.
- 5) If a unit is destroyed (such as field scrap), the Circuit Board identified with a **red outline and a .** in the service manual **MUST BE DESTROYED**.

In an effort to reduce the size of this pdf file the tiled schematics are not attached to this Service Manual. To receive a complete set of the tiled schematics for this manual please submit a request to the Service Promotion Department at Service_Promotion@am.sony.com.